

Recruitment of various contractual positions at NID Ahmedabad

The National Institute of Design (NID), Ahmedabad, Gujarat, India, is an internationally acclaimed as one of the finest educational and research institutions for Industrial, Communication, Textile and IT Integrated design domains. The institute has its campuses in Ahmedabad, Gandhinagar and in Bengaluru. NID has been declared 'Institution of National Importance' by the Act of Parliament, by virtue of the National Institute of Design Act, 2014 and is a statutory and autonomous institution under the DPIIT, Ministry of Commerce and Industry, Government of India. The institute offers higher professional qualifications in several disciplines of design at both undergraduate and post-graduate levels.

The Institute invites online applications from the eligible candidates for the below **contractual positions** for **IT department, NID Ahmedabad**, on purely temporary basis and for a period of 11 months only.

- 1) Jr. Programmer - Mobile App & Integration
- 2) Jr. Programmer - AI Integration & Development
- 3) Jr. Programmer - Integration & Web Services
- 4) Intern - AI Integration
- 5) Intern - Mobile Application Development
- 6) Intern - Web Services & Integration

For essential and desirable qualifications and experience required, age limit, job descriptions, pay, general instructions on recruitment process, online application form and how to apply etc. visit <https://nid.edu/career>. Any addendum, corrigendum, extension of dates etc. to the above recruitment shall be notified on the above website only.

Last date of submission of online applications is 6th May 2026 (up to 05:00 p.m. IST).

The above positions are strictly contractual and are for a period of 11 months only. Upon completion, the contract will automatically terminate unless renewed. Please note that this contractual engagement does not confer any right to claim a permanent or continued contractual position with the institute.

ELIGIBILITY CRITERIA FOR THE POSITION OF "JR. PROGRAMMER - MOBILE APP & INTEGRATION"

Salary : Rs. 30,000/- consolidated pay per month

Number of posts : 01 (one)

Age limit : For B.E./B.Tech. 24 years and for M.Sc. / MCA / M.Tech. 26 years as on the last date of submission of online application

Eligibility Criteria:

- i) **Education** :
B.Tech / B.E. in Computer Science, Information Technology, or related field
M.Sc. / MCA / M.Tech. in AI, ML, Data Science, or related discipline also eligible
- ii) **Experience** :
1–3 years of hands-on professional experience in mobile application development

Desired Technical Skills:

- Strong proficiency in Flutter (Dart) and/or React Native; native Android (Kotlin) or iOS (Swift) experience is a plus
- Proven experience building and publishing production-grade mobile applications
- Deep knowledge of mobile architecture patterns: MVVM, Clean Architecture, BLoC
- Experience with REST API integration, handling authentication flows (OAuth 2.0, JWT, SSO)
- Proficiency in state management: Provider, Riverpod, Redux, or equivalent
- Strong knowledge of mobile security best practices: data encryption, secure storage, certificate pinning
- Experience with CI/CD for mobile: Fastlane, GitHub Actions, Bitrise, or Codemagic
- Familiarity with backend development (Node.js, Python) for integration troubleshooting is advantageous
- Experience mentoring or guiding junior developers / interns
- Familiarity with Agile/Scrum development methodologies

Role Overview:

This position carries end-to-end ownership of the NID mobile application's development, maintenance, and integration with backend systems. The Junior Programmer will lead the intern team working on mobile development, and will coordinate closely with the web services and AI teams to deliver a cohesive, high-quality application.

Key Responsibilities:

- Lead the architecture, design, and development of the NID unified mobile application (cross-platform: Android and iOS)
- Define and enforce mobile development standards, code quality practices, and review intern contributions
- Integrate mobile application with all backend systems via secure REST APIs — covering Credit & Evaluation, Placements, Institute Portal, and Visiting Faculty Desk
- Implement advanced mobile features: biometric authentication, deep linking, offline-first architecture, background sync
- Manage app releases, versioning, and deployment to Google Play Store and Apple App Store
- Establish and maintain automated testing pipelines for the mobile codebase (unit, integration, UI tests)
- Monitor app performance using tools like Firebase Performance, Crashlytics, or Sentry; resolve bugs and incidents
- Collaborate with UI/UX stakeholders (including the design faculty) to ensure the app reflects NID's design ethos
- Participate in sprint planning, technical discussions, and progress reviews with the IT leadership
- Document the mobile architecture, integration points, and developer onboarding guides

ELIGIBILITY CRITERIA FOR THE POSITION OF “JR. PROGRAMMER - AI INTEGRATION & DEVELOPMENT”

Salary : Rs. 30,000/- consolidated pay per month

Number of posts : 01 (one)

Age limit : For B.E./B.Tech. 24 years and for M.Sc. / MCA / M.Tech. 26 years as on the last date of submission of online application

Eligibility Criteria:

- i) **Education** :
B.Tech / B.E. in Computer Science, Information Technology, or related field
M.Sc. / MCA / M.Tech. in AI, ML, Data Science, or related discipline also eligible
- ii) **Experience** :
1–3 years of professional experience in applied AI/ML development or AI product engineering

Desired Technical Skills:

- Strong proficiency in Python; deep expertise in ML frameworks: TensorFlow, PyTorch, or JAX
- Hands-on experience with LLMs and AI APIs: OpenAI, Anthropic, Google Gemini, Cohere, or open-source alternatives (LLaMA, Mistral, Phi)
- Experience with LangChain, LlamaIndex, or similar orchestration frameworks for building AI pipelines
- Knowledge of vector databases and semantic search: Pinecone, Weaviate, FAISS, ChromaDB
- Proficiency in NLP techniques: information extraction, summarisation, classification, embedding models
- Experience deploying ML models to production: model serving (FastAPI, TorchServe, TF Serving), containerisation (Docker), cloud deployment
- Understanding of MLOps practices: experiment tracking (MLflow, W&B), model versioning, monitoring
- Knowledge of data privacy regulations and responsible AI frameworks
- Familiarity with REST API development for exposing AI services
- Strong communication skills to explain AI concepts and results to non-technical institutional stakeholders

Role Overview:

This is a critical role responsible for translating NID's AI strategy into production-ready implementations. The Junior Programmer will oversee AI intern contributions, architect the AI integration layer across IT systems, and ensure that AI features deployed within the institute are robust, explainable, and ethically sound. The role demands both technical depth in AI engineering and the ability to contextualise AI within an educational and creative institutional setting.

Key Responsibilities:

- Lead the design and implementation of AI features across NID's IT systems: intelligent search, automated evaluation assistance, personalised notifications, predictive analytics for placements, and faculty desk automation
- Architect and manage a scalable AI/ML pipeline — from data ingestion and preprocessing to model training, evaluation, and deployment
- Integrate LLM-based capabilities (chatbots, Q&A systems, document summarisation) into the institute portal and mobile application
- Implement Retrieval-Augmented Generation (RAG) systems using institutional knowledge bases and document repositories
- Evaluate, select, and manage third-party AI APIs and open-source models appropriate for institutional use
- Ensure responsible AI practices: fairness, transparency, data privacy compliance, and audit trails for AI-driven decisions
- Mentor AI interns, review their code and model outputs, and provide technical direction
- Collaborate with the web services team to expose AI capabilities as internal microservices / APIs
- Monitor AI system performance in production; retrain or fine-tune models as institutional data evolves
- Document model architectures, training datasets, integration interfaces, and usage guidelines

ELIGIBILITY CRITERIA FOR THE POSITION OF “JR. PROGRAMMER - INTEGRATION & WEB SERVICES”

Salary : Rs. 30,000/- consolidated pay per month

Number of posts : 01 (one)

Age limit : For B.E./B.Tech. 24 years and for M.Sc. / MCA / M.Tech. 26 years as on the last date of submission of online application

Eligibility Criteria:

- i) **Education** :
B.Tech / B.E. in Computer Science, Information Technology, or related field
M.Sc. / MCA / M.Tech. in AI, ML, Data Science, or related discipline also eligible
- ii) **Experience** :
1–3 years of professional experience in backend development, systems integration, or API engineering

Desired Technical Skills:

- Strong backend development experience: Node.js (NestJS/Express), Python (FastAPI/Django REST), or Java (Spring Boot)
- Deep understanding of API design principles, RESTful architecture, and OpenAPI/Swagger specification
- Experience implementing API gateways: Kong, AWS API Gateway, NGINX, Apigee, or similar
- Proficiency with SSO and identity protocols: SAML 2.0, OAuth 2.0, OpenID Connect, LDAP/Active Directory
- Experience with message brokers and event-driven architecture: Apache Kafka, RabbitMQ, or Redis Pub/Sub
- Strong database skills: PostgreSQL/MySQL for relational data; MongoDB or Elasticsearch for document/search needs
- Experience with containerisation and orchestration: Docker, Docker Compose, Kubernetes
- Knowledge of CI/CD pipelines (Jenkins, GitHub Actions, GitLab CI) and DevOps practices
- Familiarity with cloud platforms: AWS, GCP, or Azure — particularly managed API and integration services
- Experience in systems integration, ETL workflows, or enterprise service bus (ESB) patterns is a significant plus

Role Overview:

This position is the technical backbone of NID's platform consolidation initiative. The Junior Programmer will be responsible for designing the integration architecture that ties together the Institute's diverse IT systems into a unified, interoperable platform. Working closely with senior programmers, this individual will also supervise the web services intern team and ensure all APIs and data pipelines meet reliability, security, and performance standards.

Key Responsibilities:

- Architect and implement a unified integration layer connecting all NID IT systems: Credit & Evaluation, Placements, Institute Portal, Visiting Faculty Desk, and the new mobile platform
- Design, develop, and maintain a comprehensive REST API ecosystem and, where relevant, GraphQL services
- Implement an API gateway strategy — centralising routing, authentication, rate-limiting, logging, and monitoring across all services
- Build event-driven integration flows using message brokers (RabbitMQ, Kafka) for asynchronous data synchronisation between systems
- Implement single sign-on (SSO) and federated identity management across all IT platforms using SAML 2.0 or OpenID Connect
- Define and enforce API standards, versioning policies, and governance practices for the institution
- Supervise and technically guide the web services intern team; review code and integration designs
- Ensure all integrations comply with data security standards; implement encryption, logging, and audit trails
- Set up monitoring dashboards and alerting for integration health (uptime, latency, error rates)
- Create and maintain comprehensive technical documentation for all APIs, integration flows, and system architecture

ELIGIBILITY CRITERIA FOR THE POSITION OF “INTERN - AI INTEGRATION”

Salary : Rs. 10,000/- Stipend per month

Number of posts : 02 (two)

Age limit : For B.E./B.Tech. 21/22 years and for M.Sc. / MCA / M.Tech. 23/24 years as on the last date of submission of online application

Eligibility Criteria:

- i) **Education** :
- B.Tech / B.E. in Computer Science, Data Science, Artificial Intelligence, or related field (pursuing final year or recently graduated)
 - M.Sc. / M.Tech in AI, ML, Data Science, or related discipline also eligible

Desired Technical Skills:

- Proficiency in Python with strong knowledge of ML/AI libraries: TensorFlow, PyTorch, scikit-learn, HuggingFace Transformers
- Familiarity with LLM integration using REST APIs (OpenAI API, LangChain, or similar frameworks)
- Knowledge of Natural Language Processing (NLP) techniques: text classification, sentiment analysis, summarisation
- Understanding of data structures, databases (SQL/NoSQL), and basic data engineering concepts
- Exposure to vector databases (e.g., Pinecone, FAISS, Chroma) for semantic search and RAG (Retrieval-Augmented Generation)
- Basic understanding of REST API design and consumption
- Familiarity with version control using Git / GitHub
- Knowledge of Jupyter Notebooks and data analysis libraries (Pandas, NumPy, Matplotlib)
- Exposure to cloud platforms (AWS, GCP, or Azure) is a plus
- Strong analytical and problem-solving skills; ability to read and implement research papers

Role Overview:

These interns will work directly with the senior IT team to explore, prototype, and integrate AI capabilities into NID's existing IT systems including the Credit & Evaluation System, Placement Portal, Institute Portal, and Visiting Faculty Desk System. The role demands curiosity, a hands-on attitude, and the ability to translate AI concepts into practical institutional workflows.

Key Responsibilities:

- Assist in analysing existing IT systems to identify opportunities for AI/ML integration and automation
- Support development and fine-tuning of AI models for tasks such as automated grading assistance, intelligent search, recommendation engines, and data summarisation
- Integrate large language model (LLM) APIs (e.g., OpenAI, Anthropic, Google Gemini) or open-source models into existing web-based portals
- Build and test AI-powered chatbots or virtual assistants for student and faculty support within the institute portal
- Assist in creating pipelines for data preprocessing, training, and evaluation of models using institute data
- Document AI modules, APIs, integration workflows, and technical specifications
- Collaborate with the mobile and web services team to expose AI features via APIs
- Conduct research on emerging AI tools, frameworks, and best practices relevant to educational institutions
- Support testing, debugging, and performance optimisation of AI-integrated features
- Participate in code reviews and contribute to shared code repositories

ELIGIBILITY CRITERIA FOR THE POSITION OF "INTERN - MOBILE APPLICATION DEVELOPMENT"

Salary : Rs. 10,000/- Stipend per month

Number of posts : 02 (two)

Age limit : For B.E./B.Tech. 21/22 years and for M.Sc. / MCA / M.Tech. 23/24 years as on the last date of submission of online application

Eligibility Criteria:

i) **Education** :

B.Tech / B.E. in Computer Science, Information Technology, or related field (pursuing final year or recently graduated)

M.Sc. / MCA / M.Tech. in AI, ML, Data Science, or related discipline also eligible

Diploma in Mobile Application Development or equivalent practical experience also considered

Desired Technical Skills:

- Proficiency in Flutter (Dart) or React Native for cross-platform mobile development
- Good understanding of mobile UI/UX principles and Material Design / Human Interface Guidelines
- Experience consuming REST APIs and handling JSON data in mobile applications
- Familiarity with state management libraries: Provider, Riverpod, Redux, or MobX
- Knowledge of mobile authentication: OAuth 2.0, JWT, Firebase Authentication
- Exposure to push notification services (Firebase Cloud Messaging / APNs)
- Understanding of local storage solutions: SQLite, Hive, SharedPreferences
- Version control using Git; familiarity with CI/CD pipelines for mobile (Fastlane, GitHub Actions) is a plus
- Basic knowledge of native Android (Kotlin/Java) or iOS (Swift) development is advantageous
- Familiarity with Figma or Adobe XD for reviewing and implementing design mockups

Role Overview:

NID intends to launch a unified mobile application that consolidates all its key IT systems — Credit & Evaluation, Placements, Institute Portal, and Faculty Desk — into a single, seamless platform for students, faculty, and administrative staff. These interns will be at the heart of this initiative, contributing to design, development, and testing of the mobile application across platforms.

Key Responsibilities:

- Assist in requirements gathering, wireframing, and UI/UX prototyping for the NID mobile application
- Develop cross-platform mobile application screens and features using Flutter or React Native
- Integrate mobile frontend with existing backend systems via REST APIs and GraphQL
- Implement authentication and authorisation mechanisms including SSO (Single Sign-On) and role-based access control
- Develop modules for key functionalities: student dashboards, course credit tracking, placement notifications, faculty desk access, and event calendars
- Ensure application performance, responsiveness, and compatibility across Android and iOS devices
- Implement push notifications, offline support, and data caching strategies
- Conduct unit and integration testing of mobile components; assist with UAT (User Acceptance Testing) with institute stakeholders
- Maintain code quality, write documentation, and follow mobile development best practices
- Coordinate with the web services intern team to ensure seamless API consumption

ELIGIBILITY CRITERIA FOR THE POSITION OF "INTERN - WEB SERVICES & INTEGRATION"

Salary : Rs. 10,000/- Stipend per month

Number of posts : 02 (two)

Age limit : For B.E./B.Tech. 21/22 years and for M.Sc. / MCA / M.Tech. 23/24 years as on the last date of submission of online application

Eligibility Criteria:

- i) **Education** :
- B.Tech / B.E. in Computer Science, Information Technology, or related field (pursuing final year or recently graduated)
 - M.Sc. / MCA / M.Tech. in AI, ML, Data Science, or related discipline also eligible

Desired Technical Skills:

- Strong proficiency in backend development: Node.js (Express/NestJS), Python (Django REST / FastAPI), or PHP (Laravel)
- Deep understanding of RESTful API principles, HTTP methods, status codes, and API versioning
- Knowledge of API documentation tools: Swagger UI, Postman, Redoc
- Familiarity with API gateway solutions (Kong, AWS API Gateway, NGINX) is a plus
- Experience with databases: MySQL, PostgreSQL (relational) and MongoDB or Redis (NoSQL/caching)
- Understanding of message queuing and event-driven architecture: RabbitMQ, Kafka, or similar
- Familiarity with containerisation using Docker; exposure to Kubernetes is a plus
- Knowledge of authentication standards: OAuth 2.0, OpenID Connect, SAML (for SSO)
- Strong skills in version control (Git), API testing (Postman / Newman), and CI/CD pipelines
- Exposure to web scraping, ETL processes, or data synchronisation techniques is advantageous

Role Overview:

This role is central to NID's digital integration strategy. These interns will work on creating, standardising, and maintaining web services and APIs that allow all IT systems to communicate effectively with each other and with the new mobile platform. The position demands strong backend development skills and a systematic approach to API governance and documentation.

Key Responsibilities:

- Assist in auditing existing IT systems (portals, databases, administrative tools) to map current data flows and integration gaps
- Design and develop RESTful APIs and, where applicable, GraphQL endpoints to expose functionalities of existing systems
- Build middleware components and service adapters to enable interoperability between heterogeneous systems
- Implement API authentication and security mechanisms including API keys, OAuth 2.0, and JWT-based access
- Develop and maintain API documentation using tools such as Swagger / OpenAPI Specification
- Set up and manage API gateways for routing, rate-limiting, logging, and monitoring
- Support integration with third-party services and government portals as required by institute operations
- Write automated tests for APIs and integration layers (unit tests, integration tests, contract tests)
- Monitor API performance, identify bottlenecks, and implement caching or optimisation strategies
- Maintain technical documentation for integration architectures and data exchange protocols

GENERAL INSTRUCTIONS FOR ALL THE CANDIDATES

1. All the above advertised posts are strictly contractual and are for a period of 11 months only. Upon completion, the contract will automatically terminate unless renewed.
2. The contractual engagement does not confer any right to claim a permanent or continued contractual position with the institute.
3. As the positions are purely contractual in nature, reservation norms applicable to regular posts may not be strictly followed. However, eligible candidates from all categories are encouraged to apply.
4. Applicants must ensure that they fulfil the prescribed eligibility criteria, including educational qualifications and experience, as on the closing date of application.
5. The Institute reserves the right to screen and shortlist candidates based on qualifications, experience, and other criteria as deemed appropriate. Mere fulfilment of minimum eligibility criteria does not guarantee shortlisting.
6. The Institute also reserves the right to reject any or all the applications without assigning any reasons thereof.
7. The Institute reserves the right to empanel/ waitlist candidate(s) for future vacancies.
8. The selection process may comprise written test/ skill test, as decided by the Institute.
9. The Institute reserves the right to increase/decrease the number of posts, or to cancel/withdraw the advertisement without assigning any reason.
10. NID will retain data of applications received from non-shortlisted candidates only for a period of six months after completion of recruitment process i.e. the issuance of offer letter to the selected candidate. Thereafter, No RTI on the subject shall be entertained.
11. Mere eligibility will not entitle any candidate for being called for interview. The decision of the Institute in all matters will be final. No correspondence will be entertained from the candidates in connection with the process of selection. Canvassing in any manner would entail disqualification of the candidature.
12. Certificates etc. in support of educational qualifications should have been awarded by a recognized University / Institute.
13. All relevant certificates in original with a self-attested copy will be required at the time of test. At the time of test, shortlisted candidate will be required to carry his/her educational qualifications certificates, experience, age, caste/disability certificate-if applicable and current salary certificate/pay-slip from the existing employer or from the last employer.
14. If the number of applicants for a particular post is large, the Institute reserves the right to call only the requisite number of candidates for selection process after

screening and shortlisting in consideration of candidates' qualification, suitability, relevant experience, etc.

15. The institute also reserves a right to conduct elimination tests in case of large numbers of applications. Decision of the Competent Authority of the institute will be final in such cases.
16. Institute strives to have a workforce which reflects gender balance. Women candidates are encouraged to apply.
17. Incomplete applications or applications received after the last date are liable to be rejected.
18. Please note that NID will not provide any TA/DA, Boarding/ Lodging facility for appearing in Written test/ Skill Test. Candidates will have to make their own arrangement.
19. Wrong declarations/submissions of false information or any other action contrary to law shall lead to cancellation of the candidature at any stage.
20. The age will be calculated on the closing date for receipt of applications.
21. For any legal dispute, Ahmedabad courts of law will be the jurisdiction.

NO INTERIM ENQUIRIES ABOUT THE RECRUITMENT WILL BE ENTERTAINED.

For any other details please contact through - Phone: 079-26629500, **Email:** recruitment@nid.edu during office hours. NID is open from Monday to Friday (excluding public holidays) between 10:00 a.m. and 05:00 p.m.