NITIN KUMAR

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EXPERIENCE

Full Stack Intern *May 2025 - July 2025*
CodexVeer

- Crafted **15+ reusable Flutter components** with responsive layouts, ensuring smooth cross-platform delivery.
- Engineered **scalable RESTful APIs** with Node.js and MongoDB, processing **1000+ concurrent requests** under 200ms latency.
- Applied **FP-inspired patterns** (immutability, higher-order functions, modular composition) for maintainable backend logic.
- Optimized query execution to accelerate data transactions by **40%**, improving peak-load performance.

Backend Developer [Freelance] *May 2025 - June 2025*
Medhwan EduTech

- Structured the **backend architecture** for "Prajawal," an e-learning platform, covering APIs, authentication, and database schema.
- Orchestrated **server-side workflows** that guaranteed accurate and secure data exchange between client and server.
- Launched the system with a focus on **scalability and fault tolerance**, maintaining consistent uptime.

Flutter Developer Intern *September 2024 - November 2024*
Thesis Ace Writers

- Redesigned **20+ app screens** with **custom widgets and interactive UI elements**, improving navigation and engagement by 15%.
- Implemented **complex animations** and optimized asynchronous calls, reducing response time by **20%**.
- Integrated 3 APIs with secure data handling and ensured stability through **cross-functional debugging**.

EDUCATION

Bachelor of Technology,
Indian Institute of Information Technology, Vadodara - ICD
Relevant Coursework: Data Structures and Algorithms, Object-Oriented Design and Programming, Database Management System, Software Engineering, Image Processing, System Software, Data Analytics, Machine Learning, Cryptography, Computer Networks, Artificial Intelligence, Operating Systems, Computer Architecture, 5G Communication, Parallel Computing.

TECHNICAL SKILLS

Languages	C, C++ , Python, Dart, HTML, CSS, JavaScript, R, MATLAB
Frameworks	Flutter, Flask, React.JS, Node.JS, Express.JS
Technologies/Database	Linux, Git/GitHub, Firebase, MongoDB, SQL
Developer Tools	Android Studio, VS Code, Visual Studio, PyCharm, Figma
Core Areas	Flutter UI & animations, State Management (Riverpod, Provider), API Development, System Design, Scalability

PROJECTS

DiscussIt | Flutter, Firebase, Riverpod [GitHub](#)

- Built a **real-time community platform** supporting 1000+ concurrent users with seamless theme switching.
- Designed efficient **state management flows** with **Riverpod**, reducing latency by **20%**.
- Integrated **Firebase analytics**, cutting support queries by **15%** and boosting retention.

Zoom Clone | Flutter, Firebase [GitHub](#)

- Developed a **video conferencing app** with meeting creation, participation, and secure sync.
- Integrated **Google & email authentication** achieving a **98% login success rate**.
- Improved platform reliability by resolving 90% of recurring crash issues.

POSITION OF RESPONSIBILITY

Secretary, Eloquence Drama Club **June 2024 - April 2025**

- Directed planning and execution of **6+ stage events**, driving member participation up by **40%**.
- Led promotional campaigns and delegated tasks, strengthening **team collaboration and delivery under deadlines**.