

# Lakshya Dubey

Software Developer | Full Stack Engineer | Blockchain & AI Engineer

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## Education

### Bachelor of Technology in Computer Science

2024 – 2028

JSS Academy of Technical Education, Noida

## Experience

### Full Stack Developer, Nibble Computer Society

Mar 2025 – Present

- Developed and deployed Development Contest and Hackathon platforms for the college technical community.
- Engineered Mentoring–Mentee Management Platform enabling secure profile creation, mentor matching, and communication using MERN stack and admin systems.
- Designed scalable full stack architecture and improved backend and frontend performance.

### Founding Engineer, Infou

Aug 2025 – Present

- Architected and developed admin dashboard managing internships, hackathons, and participants.
- Built scalable backend systems, REST APIs, and secure form handling infrastructure.
- Improved frontend performance, load optimization, and overall platform responsiveness.
- Contributed as early engineer shaping system architecture and core platform engineering.

## Projects

### KrishiNetra — Decentralized Agricultural Supply Chain Platform

- Built blockchain-based supply chain transparency platform using Hyperledger Fabric.
- Developed scalable web platform using Next.js and MERN stack with real-time WebSocket communication.
- Built Kotlin Android application enabling secure farmer interaction and tracking.
- Designed and deployed infrastructure using Docker, Kubernetes, and GitHub Actions.

### Formify — AI Form Generator SaaS

- Developed AI-powered form generation platform using Gemini API.
- Built scalable SaaS architecture with authentication, payments, and production-grade backend systems.

### summarEase — AI PDF Summarizer SaaS

- Built AI system converting PDFs into structured summaries using OpenAI and LangChain.
- Designed scalable backend, authentication, and real-time processing pipeline.

### AI ResumeCrafter — AI Resume Builder SaaS

- Built AI-powered resume generator with automated content generation and template system.
- Implemented authentication, subscription system, and scalable backend architecture.

## Technical Skills

**Languages:** JavaScript, TypeScript, Python, Kotlin

**Frontend:** React.js, Next.js, Tailwind CSS, Framer Motion

**Backend:** Node.js, Express.js, REST APIs, Prisma, Drizzle ORM

**Database:** MongoDB, PostgreSQL, Firebase, Supabase

**Blockchain:** Hyperledger Fabric

**Cloud & DevOps:** AWS, Docker, Kubernetes, GitHub Actions, Jenkins, ArgoCD

**AI / ML:** OpenAI API, Gemini API, LangChain, Hugging Face

**Mobile:** Kotlin, Android, Jetpack Compose, MVVM

**Design:** UI Design, UX Research, Prototyping

## Achievements

- Smart India Hackathon – **National Winner** for building KrishiNetra, a blockchain-based agricultural supply chain platform.
- Received **Letter of Recommendation from Principal** for technical excellence and engineering leadership.
- Built and deployed multiple production-grade AI SaaS platforms including Formify, summarEase, and AI ResumeCrafter.
- Designed and deployed decentralized blockchain and cloud-native systems using Kubernetes and modern DevOps tooling.