



Kunal Dixit

BACKEND & FULL-STACK DEVELOPER

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Professional Summary

Backend & Full-Stack Developer specializing in Python, FastAPI, PostgreSQL, REST APIs, and Docker. Smart India Hackathon 2025 Finalist with hands-on experience building and deploying secure, database-driven applications across healthcare, biometric attendance, blockchain, and AI/ML-powered cybersecurity domains.

Skills

Languages: Python, JavaScript, SQL
Backend: FastAPI, REST APIs, Authentication & Authorization
Databases & Caching: PostgreSQL, MySQL, SQLite, Redis
DevOps & Tools: Docker, Git, GitHub
Web Development: HTML5, CSS3, Responsive Web Development, API Integration

Education

2026 – 2029 B.Tech, Computer Science & Engineering (Lateral Entry), *Sarala Birla University* Ranchi, Jharkhand
Pursuing

2023 – 2026 Diploma, Computer Science & Engineering, *Sarala Birla University*, Ranchi, Jharkhand
CGPA: 7.58/10

Projects

Pathology Lab Management System (LIS)

- Engineered a full-stack Laboratory Information System for patient management, diagnostic test workflows, billing, report generation, and role-based staff operations.
- Tech Stack:** Python, FastAPI, PostgreSQL, Redis, JavaScript, Docker — [View Repository ↗](#)

Markify – AI Face Recognition Attendance System

- Developed a biometric attendance system with real-time face recognition, liveness detection, attendance management, and administrative analytics.
- Tech Stack:** Python, FastAPI, Dlib, SQLite, JavaScript — [View Repository ↗](#)

PiggyVault – Decentralized Savings Vault (Algorand Blockchain)

- Built a decentralized savings application using Algorand smart contracts to enforce goal-based fund locks, with secure wallet integration and real-time price conversion.
- Tech Stack:** PyTeal, Algorand SDK, Node.js, Express, Vite, JavaScript — [View Repository ↗](#)

Achievement

Smart India Hackathon 2025 – Finalist

Real-Time AI/ML-Based Phishing Detection & Prevention System (PS 25159)
Frontend & AI/ML | Blockchain & Cybersecurity

Languages

Hindi — Native / Advanced

English — Professional Working Proficiency