

VISHAL

Delhi, India — officialvishal@gmail.com — [LinkedIn](#) — [GitHub](#) — [Portfolio](#)

PROFESSIONAL SUMMARY

B.Tech student in Artificial Intelligence & Data Science with hands-on internship experience in enterprise backend development and full-stack web development using the MERN stack. Proficient in Java, Python, JavaScript, and C++ with strong foundations in DSA, OOP, DBMS, and REST API design. Passionate about building scalable backend systems and AI-powered applications. Winner of 3+ hackathons with a proven ability to deliver production-quality software under deadline pressure.

EDUCATION

B.Tech – Artificial Intelligence & Data Science

USAR, Guru Gobind Singh Indraprastha University (GGSIPU), Delhi

2024 – 2027
CGPA: 8.2 / 10 (Sem 1–6)

Diploma – Computer Engineering

Ambedkar Delhi Skill and Entrepreneurship University (DSEU), Delhi

2021 – 2024
CGPA: 8.35 / 10

Class X – CBSE

Govt. Sarvodaya Bal Vidyalaya, Burari, Delhi

2019
65%

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C++, JavaScript (JS), TypeScript, SQL

Web & Frontend: HTML, CSS, React.js, Next.js 15, Tailwind CSS, shadcn/ui

Backend & Databases: Node.js, Express.js, Spring Boot, RESTful APIs, MongoDB, MySQL, PostgreSQL, Supabase

AI / Data Science: Machine Learning, Groq API (Llama 3.3 70B), TF-IDF, Cosine Similarity, Notion API, Web Speech API

Core CS Concepts: DSA, OOP, DBMS, Operating Systems, Computer Networks, SDLC, Agile, Authentication & Security

Tools & Platforms: Git, GitHub, Vercel, Render, Postman, VS Code, Linux, Firecrawl

INTERNSHIP EXPERIENCE

Software Engineering Intern

Jul 2026 – Present

Engineers India Limited (EIL) – Government of India Navratna PSU, ITS Infrastructure Management

- Contributing to enterprise backend development using Java, Spring Boot, and Node.js, applying OOP principles and software engineering best practices to real-world development tasks.
- Developing and integrating REST APIs with database systems, following Git-based version control workflows within an enterprise environment.
- Collaborating with the ITS Infrastructure Management team, gaining exposure to enterprise IT infrastructure and system administration.

Full Stack Developer Intern

Jun 2025 – Aug 2025

Lokachakra, Hyderabad, India & Reading, UK

- Built MERN stack modules with voice input integration, improving real-time data capture efficiency for end users across multiple platform workflows.
- Designed and implemented RESTful APIs for transaction management, user authentication, and secure database operations using Node.js and MongoDB.
- Collaborated with cross-functional teams under Agile methodology to streamline backend architecture and resolve critical production issues.

PROJECTS

AI Career Navigator – AI-Powered Career Planning Platform

[\[GitHub\]](#) [\[Live\]](#)

- Architected a full-stack AI career platform using Next.js 15 App Router and Groq AI (Llama 3.3 70B) for real-time skill gap detection and personalized 6-month roadmap generation.
- Integrated Notion API across 5 custom databases (Profile, Skills, Roadmap, Projects, Weekly Goals) with idempotent writes, saving 100% of re-analysis API calls for returning users.
- Built an AI Interview Simulator with Web Speech API (voice-to-text + TTS), adaptive difficulty scoring, and multi-attempt trend tracking; deployed on Vercel across 10+ screens.

Price Ping – Automated Price Monitoring & Alert System

[\[GitHub\]](#) [\[Live\]](#)

- Built a full-stack price tracking platform using Next.js 16, Supabase, and Firecrawl for dynamic web scraping across major e-commerce sites with built-in anti-bot protection.
- Implemented Supabase auth with Row-Level Security (RLS) for per-user data isolation; tracked price history in PostgreSQL with time-series analysis and Chart.js visualizations.
- Engineered threshold-based alert system with real-time Sonner notifications; deployed on Vercel with a responsive shadcn/ui interface.

USAR Placement Portal – Full-Stack Placement Management System

[\[GitHub\]](#) [\[Live\]](#)

- Developed a full-stack MERN platform with JWT-based RBAC for students and admins; secured routes with bcryptjs password hashing and token-protected APIs.
- Built an interactive Chart.js dashboard to visualize placement statistics, company profiles, and CTC data, replacing manual record-keeping with a structured data pipeline.
- Designed 15+ RESTful API endpoints (companies, placements, auth, contacts) with CORS; deployed frontend on Vercel and backend on Render.

CERTIFICATIONS

MERN Stack with DSA – Apna College — **Machine Learning** – Samsung Innovation Campus 2025 — **Java Programming** – Knowledge Gate

ACHIEVEMENTS & ACTIVITIES

- Winner in 3+ Hackathons** – Delivered innovative software solutions under time-constrained environments, demonstrating problem-solving, teamwork, and rapid development skills including a 1-day MVP build.
- Actively practice **DSA on LeetCode** and contribute to **open-source projects** on GitHub; engaged in competitive programming and developer community activities.