

Amaan Shaikh

📍 Pune, India ✉ amaanshaikh.gg@gmail.com ☎ +91 7020316950 📁 [Portfolio](#) [in LinkedIn](#) 🐙 [GitHub](#)

SUMMARY

Software Developer skilled in **AI, Data Science** and **Full Stack Development**. Experienced in creating secure, data-driven apps with robust reporting and access control in Agile environments.

EDUCATION

Dr. D. Y. Patil Institute of Technology, Pimpri, Pune **2021 - 2025**
Bachelor of Engineering in Artificial Intelligence and Data Science **CGPA: 8.44**
Coursework: Data Structures and Algorithms, Database Management Systems, Computer Networks, Data Science, Software Engineering, Operating Systems, Artificial Intelligence, Machine Learning, Natural Language Processing.

TECHNICAL SKILLS

Programming Languages: Python, C++, JavaScript, TypeScript
Frontend: HTML, CSS, React, Next.js, Tailwind CSS, Bootstrap
Backend: Node.js, Express, RESTful API, FastAPI
Databases: MongoDB, MySQL
Tools: Git/GitHub, Postman, VS Code, Appwrite, NodeMailer, Recharts, OAuth 2.0

PROJECTS

Syllabus | *TypeScript, Next.js, Tailwind CSS, MongoDB, RESTful APIs, AI* [GitHub](#) | [Live](#)
AI-Powered Syllabus-Based Question Paper Generator

- Architected and deployed an **AI-powered full-stack web application** to auto-generate syllabus-aligned question papers with blueprint constraints, reducing manual creation time by **60%**.
- Implemented a **dynamic paper builder engine** with automated difficulty balancing, internal choice logic, and real-time PDF generation.
- Integrated secure authentication and **role-based access control (RBAC)**, improving system security, performance, and educator productivity by **40%**.

Nyayik | *TypeScript, Next.js, Tailwind CSS, LangChain, Pinecone, Gemini* [GitHub](#) | [Live](#)
AI-Powered Legal Assistance, Instant Case Insights.

- Built an **AI-driven legal advisory platform** using **LLMs, LangChain, Pinecone, and Gemini AI** for queries, law summaries, and case recommendations.
- Designed a **secure backend** with MongoDB and **RAG**, ensuring compliance, privacy, and real-time accuracy.
- Added **multi-format input parsing** and summarization, reducing legal research time by **50%**.

Spend Less | *TypeScript, Next.js, RESTful APIs, Tailwind CSS, MongoDB* [GitHub](#) | [Live](#)
Helping Users Save More and Spend Smarter.

- Built a finance management system with **budget tracking, expense categorization, and investment insights** using data visuals.
- Integrated **real-time stock updates** (Finnhub API) and **Split It Up** for smart expense sharing and payouts.
- Designed a **custom dashboard**, boosting **user engagement by 35%** with efficient UI and automation.
- Added **savings challenges** with goals, streaks, rewards, and leaderboards to drive motivation and retention.

CERTIFICATIONS

OCI Data Science – Oracle [🔗](#)
OCI Developer – Oracle [🔗](#)
Machine Learning, AI, Python – Udemy [🔗](#)

EXPERIENCE & LEADERSHIP

Head - Database Team, DevKraft Tech Club. **Pune | 2021 - 2024**

- Directed **backend development** and data modeling for several internal initiatives.
- Hosted technical webinars with industry professionals, **raising awareness of cutting-edge technologies**.