

Amaan Shaikh

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SUMMARY

Creative and results-driven **Software Developer** with expertise in **AI, Data Science**, and **Full Stack Development**. Experienced in developing secure, data-driven applications with robust reporting, authentication, and role-based access control in Agile environments.

EDUCATION

Dr. D. Y. Patil Institute of Technology, Pimpri, Pune

CGPA: 8.44 | 2021 - 2025

Bachelor of Engineering in Artificial Intelligence & Data Science

Coursework: Data Structures and Algorithms, Database Management Systems, Computer Networks, Data Science, Software Engineering, Operating Systems, Machine Learning, Natural Language Processing

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++

Frontend: React, Next.js, Tailwind CSS, Bootstrap, HTML, CSS

Backend: Node.js, Express, RESTful API, FastAPI

Databases: MongoDB, MySQL

Enterprise/Platforms: Appwrite, SMTP, NodeMailer, Recharts

Tools: Git/GitHub, Postman, VS Code

PROJECTS

Nyayik | TypeScript, Next.js, Flask, Tailwind CSS, MongoDB, LangChain, Pinecone, Gemini-AI

[GitHub](#) | [Live](#)

AI-Powered Legal Assistance, Instant Case Insights.

- Developed an **AI-driven legal advisory platform** using **LLMs, LangChain, Pinecone, and Gemini AI** to answer legal queries, summarize laws, and provide context-aware case recommendations.
- Built a **secure and scalable backend** with API Route and MongoDB, integrating **RAG (Retrieval-Augmented Generation)** for accurate, up-to-date legal responses.
- Implemented **encrypted session management** to ensure data privacy and compliance with legal data security standards.
- Integrated **multi-format input handling** (text, documents, case IDs) with instant **legal document parsing** and summarization, reducing research time by **50%** for users.

DePayment | TypeScript, Python, Next.js, Flask, Tailwind CSS, MongoDB, MongoDB Atlas.

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Encrypted Transactions, Seamless Transfers.

- Developed a secure, **scalable payment gateway** with **digital wallet** functionality for **peer-to-peer and merchant transactions**.
- Built high-performance backend APIs with Python Flask and MongoDB, **reducing transaction latency by 35%** and supporting **real-time wallet top-ups, fund transfers, and balance tracking**.
- Designed and deployed a responsive wallet management UI with React and Tailwind CSS, **improving user task efficiency by 40%** and reducing friction in **QR-based payments**.
- Maintained system integrity through **token-based authentication** and encrypted transaction, **delivering 100% success in tests**.

Spend Less | TypeScript, Next.js, RESTful APIs, Tailwind CSS, MongoDB, MongoDB Atlas.

[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** via **Finnhub API** and built **Split It Up**, enabling smart expense sharing for **hassle-free payouts**.
- Created a **custom dashboard**, increasing **user engagement by 35%** through efficient UI and task automation.
- Implemented gamified savings challenges** with established goals, streaks, rewards, and a leaderboard to boost motivation and retention.

Employ Me | JavaScript, Python, MERN, RESTful APIs, NoSQL, FastAPI, MongoDB Atlas

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Empowering Job Seekers and Employers with Smart Hiring Solutions.

- Built a **MERN stack** job portal, connecting job seekers and recruiters through an intuitive interface with security measures.
- Implemented **real-time application tracking, job postings, and AI-powered job recommendations** using **MongoDB** aggregation.
- Designed a **mobile-responsive UI** using CSS and Bootstrap with React & Python, improving job search efficiency **by 40% (with AI)**.

CERTIFICATIONS

Cloud Fundamentals (Google Cloud) – Qwiklabs

Full Stack Development – Great Learning

EXPERIENCE & LEADERSHIP

Dr. D.Y. Patil Institute of Technology

Pimpri, Pune

Head - Database Team, DevKraft Tech Club.

2021 - 2024

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