

# Amaan Shaikh

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## 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, 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, SMTP, NodeMailer, Recharts, OAuth 2.0

## PROJECTS

**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%**.

**DePayment | TypeScript, Python, Next.js, Flask, Tailwind CSS, MongoDB.** [GitHub](#) | [Live](#)  
Encrypted Transactions, Seamless Transfers.

- Built a secure, **scalable payment gateway** with **digital wallet** for peer-to-peer and merchant transactions.
- Developed high-performance Flask + MongoDB APIs, **cutting latency by 35%** and enabling real-time transfers, top-ups, and tracking.
- Delivered a responsive React + Tailwind UI, **boosting task efficiency by 40%** and streamlining **QR payments**.
- Ensured system integrity with **token-based authentication** and encryption, achieving **100% test success**.

**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

**Machine Learning, AI, Python** – Udemy  
**Google Cloud** – Cloud Skills Boost  
**Full Stack Development** – Great Learning

## 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**.