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, 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, 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.**