

Amaan Shaikh

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SUMMARY

Aspiring Software Developer with a strong academic background in Artificial Intelligence & Data Science. A **flexible, cross-functional innovator** with a passion for **team work** and a proven ability to design and develop both **front-end and back-end solutions** with attention to detail. Eager to apply my expertise in AI, data analysis, and software development **leveraging CI/CD practices and problem-solving skills** to create impactful solutions that include robust reporting features and even support functionalities like reimbursement where needed.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++, Java

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

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

Databases: MongoDB, MySQL

Version Control: Git, GitHub

Tools & Technologies: JWT, Appwrite, SMTP, NodeMailer, Recharts, Docker, CI/CD

EDUCATION

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

CGPA: 8.38 | 2021 - 2025

Bachelor of Engineering in Artificial Intelligence & Data Science

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

PROJECTS

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

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

Empowering Job Seekers and Employers with Smart Hiring Solutions.

- Build 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.
- Design an intuitive **mobile responsive user interface** using CSS and Bootstrap, leveraging React & Python, improving job search efficiency **by 40% (with AI)**. This ensured Responsive User Interfaces across all devices.

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

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

Helping Users Save More and Spend Smarter.

- Engineered a finance management system with **budget tracking, expense categorization** and **investment insights** through **interactive data visualization**.
- Integrated **real-time stocks updates** via the **Finn hub API** and executed **Split It Up**, a smart expense-sharing solution featuring **seamless reimbursement** functionality.
- Developed a **custom dashboard** with Next.js & Tailwind CSS, enhancing user **engagement by 35%** through efficient design and automation of routine tasks.
- **Introduced Gamified Savings Challenges**, incorporating predefined challenges, streaks, rewards, and a social leaderboard to boost savings motivation and user retention.

Cura Link | TypeScript, Next.js, RESTful APIs, Tailwind CSS, Appwrite, Twilio, SMTP.

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

Revolutionizing Patient-Doctor Interaction and Healthcare Access.

- Developed a secure, **cloud-based healthcare platform** that enables seamless application submissions, **reduces scheduling conflicts by 30%** and improves communication and care delivery.
- Implemented **role-based access control (RBAC)**, ensuring **100% compliance** with data privacy regulations.
- Integrated an admin-managed patient records system with automated health insights.

EXPERIENCE & LEADERSHIP

DevKraft official tech club of Dr. D.Y. Patil Institute of Technology

Pimpri, Pune

Head of Database Team.

2021 - 2024

- Managed and optimized **database** for internal projects, ensuring efficient data storage, retrieval, and organization while fostering **team work and cross-functional collaboration**.
- Planned and executed, an event featuring industry experts discussing emerging technology trends and promoting creative professional development.