

# Amaan Shaikh

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🔗 amaan-10

## SUMMARY

Aspiring Software Developer with a strong academic background in Artificial Intelligence & Data Science. Eager to apply my knowledge in AI, data analysis, and software development to create impactful solutions. Experienced in building web applications with a focus on clean, maintainable code and collaboration. Always learning and adapting to new technologies to enhance software performance and user experience.

## 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

**Tools & Technologies:** Git, GitHub, JWT, Appwrite, SMTP, NodeMailer, Recharts, Docker

## 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 – A Job Portal

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

Empowering Job Seekers and Employers with Smart Hiring Solutions.

- Build an **MERN stack** job portal, connecting job seekers and recruiters through an intuitive interface.
- Implemented **real-time application tracking, job postings**, and **AI-powered job recommendations** using **MongoDB** aggregation.
- Designed an intuitive, **mobile-responsive UI** using CSS and Bootstrap, leveraging React & Python, improving job search **efficiency by 40% (with AI)**. This ensured Responsive User Interfaces across all devices.
- Tech Stack:** JavaScript, Python, Mathematics, Bootstrap, React, Node.js, Express, RESTful APIs, NoSQL, MongoDB, FastAPI, JWT, MongoDB Atlas, SMTP, NodeMailer.

### Spend Less – A Personal Finance Manager

[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 for **seamless bill splitting** and cost tracking.
- Developed a **custom dashboard** with Next.js & Tailwind CSS, enhancing user **engagement by 35%**.
- Tech Stack:** Next.js, TypeScript, RESTful API, Tailwind CSS, Shadcn-ui, NoSQL, MongoDB, MongoDB Atlas.

### Cura Link – A Healthcare Management System

[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.
- Tech Stack:** Next.js, TypeScript, RESTful APIs, Tailwind CSS, Appwrite, Twilio, SMTP, NodeMailer.

## EXPERIENCE & LEADERSHIP

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**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.
- Planned and executed, an event featuring industry experts discussing emerging technology trends and promoting professional development.