Mayur Kothari

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Education

Bachelor of Technology (B.Tech) in Computer Science (Nov 2021 – May 2025)
- Poornima College of Engineering, Jaipur (CGPA - 6.65)

Senior Secondary (CBSE) (Apr 2020 – Mar 2021)
- Shri Jain Public School, Bikaner (70%)

Skills

- **Programming Languages:** Python, C, C++
- **Web Development:** HTML, CSS, JavaScript
- **Databases:** MySQL, SQLite, MongoDB, Supabase
- **Developer Tools:** Git/GitHub, Cursor, Antigravity, Vercel
- **Frameworks & Libraries:** React.js, Flask, Streamlit, FastAPI, RESTful API
- **CS Fundamentals:** DSA, DBMS, OOP, OS
- **Soft Skills:** Analysis, Mentorship, Prioritization

Experience

Web Design Intern at Daikart, Jaipur (Aug 2024 – Sep 2024)
- Engineered robust and responsive UI components for a Single-Page Application (SPA) using React.js, directly increasing user engagement by 30% over 2 months.
- Improved user engagement by ensuring complete cross-browser compatibility and mobile optimization, resulting in a 25% reduction in user-reported accessibility issues for the final product.

Projects

EdgeNook | Internship Portal | React, MongoDB | Link (2025)
- Built EdgeNook, an online internship platform offering paid, project-based programs, helping students gain practical industry-ready skills.
- Developed a modern web platform using React.js and Tailwind CSS, achieving a user satisfaction rate of 92%.
- Constructed a RESTful API with Express.js, using Mongoose for data modeling with a MongoDB Atlas cluster.

Acad Calc | CGPA/SGPA Calculator | React, Vercel | Link (2025)
- Designed and created Acad Calc, a responsive CGPA and SGPA calculator using React.js, empowering over 1,000+ students per month to efficiently compute academic performance across multiple semesters.
- Crafted an interactive, intuitive UI that enables users to add or remove semesters, reset data, and view instant, real-time results (response time < 0.2s) with 100% calculation accuracy.
- Deployed the application on Vercel for fast, scalable hosting, delivering 99.9% uptime, optimized performance, and seamless accessibility across desktop and mobile devices.

Book Recommendation System | Streamlit, SQLite | Link (2025)
- Designed and implemented an end-to-end, content-based Book Recommendation System using Streamlit (frontend), FastAPI (backend), and SQLite (database), resulting in a seamless and scalable user experience for over 1,000 unique users.
- Constructed a responsive Streamlit interface with real-time dropdown filters for authors and publishers, enabling users to refine recommendations from a curated database of 5,000+ books and improving search efficiency by 50%.
- Implemented RESTful API endpoints with FastAPI capable of handling 10,000+ monthly requests.

Certificates

- **CS50x: Introduction to Computer Science** – Harvard University
- **Generative AI: Prompt Engineering Basics** – IBM (Coursera)
- **Technology Job Simulation** – Deloitte (Forage)
- **AI/ML for Geodata Analysis** – ISRO