Saksham Chouhan

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EDUCATION

Vellore Institute of Technology, Bhopal   Bhopal, India
Bachelor of Technology in Computer Science and Engineering-(8.55)CGPA   *Sep. 2021 – Present*

EXPERIENCE

Backend Developer Intern   Apr 2025
Roastnet   *Remote*

- Integrated **Jira API** with the backend system to automate task updates and send notifications, improving team workflow efficiency.
- Developed and deployed a **Discord bot integration** , enabling automated channel creation and real-time message delivery from the backend system.
- Implemented secure **OTP-based authentication and verification** system for login flow using best practices in validation and security.
- Built robust **RESTful APIs** (POST, GET, DELETE) for the **Products model**, enabling seamless CRUD operations with database integration.

PROJECTS

Job Portal Backend (Developer) | *JavaScript, Node.js, Express.js*   March 2025

- Developed and maintained a **scalable backend** for a **job portal** using **Node.js, Express**, and **MongoDB**, enabling efficient **user authentication**, **resume management**, and **personalized job recommendations**.
- Integrated **AWS S3** for secure **cloud storage** and retrieval of user resumes, ensuring **high availability** and **data security**.
- Implemented **RESTful APIs** for **user registration, login, skill extraction** from uploaded resumes, and **job recommendation**, optimizing **user experience and backend performance**.
- Leveraged **JWT-based authentication middleware** to protect **sensitive endpoints** and ensure secure, **role-based access** to personal and professional information.

Google Calendar Event Manager (Developer) | *Next.js, TypeScript, React.js, Tailwind CSS, Git*   Jan 2025

- Engineered a web application utilizing **Next.js and TypeScrip**t to integrate **Google Single Sign-On (SSO)** for secure authentication.
- Leveraged the **Google Calendar API** to fetch and display user events, implementing features such as **sortable tables and date filters**
- Designed a **responsive UI using Tailwind CSS**, ensuring seamless accessibility across various devices
- Deployed the application on **Vercel**, facilitating efficient **Cloud hosting** and **CI/CD** workflows

TECHNICAL SKILLS

Languages: Java, JavaScript
Frontend: React.js, Next.js, Tailwind CSS
Backend: Node.js, Express.js
Databases: MongoDB
APIs & Protocols: REST APIs
Frameworks: Express.js, Node.js
DevOps & Cloud: AWS, Netlify, Vercel
Developer Tools: Git, GitHub, Vercel, RESTful API Development, VS Code, Postman
Libraries: PDFkit, CORS

LEADERSHIP

Organized a fun and engaging stall during the Annual School Carnival, generating 67,000 INR to support local charities.