M ALOK

Hospet, Karnataka

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PROFILE SUMMARY

Full-Stack Developer with hands-on experience in **MERN Stack and Django (Python)**. Engineered a **real-time chat application** using **Socket.io**. Built a community-driven learning platform with Django, supporting daily active users. Integrated **Cloudinary** for media files and improving upload speed by. Skilled in creating scalable **web applications** with a focus on **performance optimization** and seamless **user experience**.

EDUCATION

Bapuji Institute of Engineering & Technology　　　　　　　　　　　　**Feb 2023 - Sept 2024**
*Master of Computer Applications - **CGPA** - **8.89***　　　　　　　　　　　*Davangere, India*

P C Jabin Science College　　　　　　　　　　　　　　　　　**July 2019 - Sept 2022**
*Bachelor of Science - **CGPA** - **7.84***　　　　　　　　　　　　　　　　*Hubballi, India*

PROJECTS

Real-time Chat App | React, Node, Express, MongoDB, Socket.io, Tailwind | [Link]　　**December 2024**
- Developed a **full-stack chat application** using **MERN Stack**, handling more than 100 **concurrent users** with **99.9% uptime**.
- Implemented **real-time messaging** with **Socket.io**, ensuring low-latency communication.
- Designed a fully responsive UI with Tailwind CSS, improving user engagement by **30%** across mobile and desktop.
- Integrated **Cloudinary** for media storage, optimizing image and file uploads.
- Optimized RESTful APIs, reducing backend response time by **35%** and improving app efficiency.

StudyBud (Social Learning Platform) | Python, Django, SQL Lite | [Link]　　**March 2023**
- Built a **community-driven study platfor**m using Django (Python) for backend.
- Implemented secure user authentication, reducing unauthorized access by **70%** and supporting **multi-role access control**.
- Designed dynamic UI components with **Django templates and Jinja2**, decreasing page load time by 25%
- Used **CRUD operations** for user-generated content, enhancing engagement and usability.

INTERNSHIP

Intern at Smartclik　　　　　　　　　　　　　　　　　　**November 2024 - May 2025**
Associate Software Engineer　　　　　　　　　　　　　　　　　　　*Belagavi, India*
- Worked on a cross-platform service app with Django & Flutter, serving monthly clients with a seamless user experience.
- Deployed **versioning for the Flutter app**, ensuring structured release management.
- Created intuitive admin UI, decreasing task completion time by **40%** and improving workflow efficiency for 10 **admin users**.

TECHNICAL SKILLS

Languages: JavaScript, Python, HTML, CSS, SQL, NoSQL
Developer Tools: VS Code, PyCharm, Android Studio
Frameworks/Databases: ReactJS, NodeJS, ExpressJS, MongoDB, MySQL, Git, GitHub, Flutter, Tailwind
Operating Systems: Windows, Linux

CERTIFICATIONS

- Ethical Hacking
- Social Networking