Shaik Mansoor Ahamed

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Summary

A enthusiastic B.Tech CSE Graduate. I have developed expertise in full-stack web development using the MERN stack.My experience includes creating responsive web applications with robust user authentication, as well as implementing computer vision applications. I am proficient in React, Python, and various front-end and back-end technologies, demonstrating strong problem-solving skills, team collaboration, and a quick learning ability.

Education

GITAM University CGPA - 7.67 — Visakhapatnam, Andhra Pradesh
Bachelor of Technology in CSE, Specialization in IOT — *June 2020 – April 2024*

Sri Gayatri Junior College, Score : 87.9% — Hyderabad, Telangana
MPC, Intermediate — *Aug. 2018 – May 2020*

Saint Augustine High School , CGPA - 8.8 — Hyderabad , Telangana
10th class — *June 2017 - April 2018*

Projects

MERN-AnimeTracker | *React, MongoDB, Express, Node.js* | Project Link

- **Developed** a MERN Stack App for Anime tracking with **User Authentication**, personalized Lists, and Detailed search using the Jikan API
- Created a Responsive UI with React, utilizing Material-UI and lazy loading for **better user experience**
- Integrated **bcryptjs** for password hashing and JWT for session management, including password reset via Nodemailer
- an Express and MongoDB **backend** to handle API requests, user data, and anime information efficiently

Movie Website | *React, Firebase, TMDB API* | Project Link

- Developed a Web App using React for the **Front-end** and **Firebase Firestore** for the Back-end
- **Showcased** comprehensive movie info with search functionality for films, TV shows, and upcoming releases
- Enhanced functionality using "react material ui" and "react router dom"
- Implemented **User Sign-in** for personalized User Experience
- **Hosted** the app on GitHub Pages

Traffic Navigation System | *Python, YOLOv5, Tkinter, OpenCV*

- Developed a **computer vision** app to detect vehicles, pedestrians, and lane markings with speed estimation using YOLOv5 trained on 70,000 images
- Designed a **User-Friendly GUI** with Tkinter and packaged the app using PyInstaller for easy deployment
- **Optimized** lane detection algorithms, collaborating with a team of three for effective task division and timely completion

Skills

Languages: Java, Python, SQL, JavaScript, HTML/CSS
Frameworks: Material-UI, Tailwind CSS
Front-end Library: React
Developer Tools: VS Code, Overleaf, PyCharm, MongoDB Atlas , Compass , IntelliJ , Postman
Version Control: Git , Github
Full Stack: MERN Stack
Soft Skills: Team Collaboration , Problem Solving , Critical Thinking, Hardworker , Quick Learner