Akshara Manoj

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🔗 LinkedIn   ⦿ GitHub   🌐 Portfolio

Summary

Full-stack developer (MCA expected 2025) with expertise in React, NodeJS, JavaScript, and Tailwind CSS, building responsive web and cross-platform applications. Developed a streaming platform with Firebase authentication (95% user satisfaction) and currently creating a MERN/React Native travel app. Passionate about technical experimentation with side projects and architectural decision-making.

Technical Skills

Frontend: React, NextJS, JavaScript, TypeScript, Tailwind CSS, Three.js
Backend: NodeJS, Express.js
Databases: MongoDB, MySQL
Tools: Git, Firebase, Figma
Full-Stack Technologies: MERN (MongoDB, Express.js, React, NodeJS)

Projects

Travo Travel App (In Progress) | MERN Stack, React Native

- Technologies: MERN Stack (MongoDB, Express.js, React, NodeJS), React Native.
- Developed a full-stack travel planning platform integrating social media features and in-app maps.
- Reduced user research time by 50% through streamlined post-saving and navigation.

Streaming Platform | React, Firebase, Tailwind CSS

- Technologies: React, Firebase, Tailwind CSS
- Built a responsive platform with secure authentication; achieved 95% client satisfaction in usability tests.

Real-Time Mask Detection System | Python, OpenCV, Haar Cascades

- Engineered a system to detect face masks in live video streams, reducing false positives by 25% through optimized training.
- Applied in public safety compliance with 98% accuracy in real-time feedback.

College Activity Management System (CAMS) | PHP, MySQL

- Technologies: PHP, MySQL
- Designed an event management system improving data processing efficiency by 40%.

Education

Mahatma Gandhi University   Expected April 2025
Master of Computer Applications (MCA)   *Kerala*

- Relevant Coursework: Advanced Algorithms, AI, Web Development

Mahatma Gandhi University   June 2022
Bachelor of Computer Applications (BCA)   *Kerala*

- CGPA: 6.66/10.0 (B+)
- Relevant Coursework: Data Structures, OOP, DBMS