

Akshara Manoj

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Professional 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

Programming Languages: Python, HTML, CSS, JavaScript
Frameworks & Libraries: ReactJs, React Native, ExpressJs, Tailwind CSS, G-SAP, Three-JS
Tools & Platforms: Git, Firebase, Figma
Databases: MongoDB
Full-Stack Technologies: MERN (MongoDB, Express.js, React, NodeJS)

Project Experience

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| Travo Travel App (In Progress) — MERN Stack, React Native | Present |
| <ul style="list-style-type: none">– 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 | 2023 |
| <ul style="list-style-type: none">– Built a responsive platform with secure authentication; achieved 95% client satisfaction in usability tests. | |
| Real-Time Mask Detection System — Python, OpenCV, Haar Cascades | 2022 |
| <ul style="list-style-type: none">– 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 | 2021 |
| <ul style="list-style-type: none">– Designed an event management system improving data processing efficiency by 40%. | |

Education

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| Mahatma Gandhi University
<i>Master of Computer Applications (MCA)</i>
– Relevant Coursework: Advanced Algorithms, AI, Web Development | Expected April 2025
<i>Kerala, India</i> |
| Mahatma Gandhi University
<i>Bachelor of Computer Applications (BCA)</i>
– CGPA: 6.66/10.0 (B+)
– Relevant Coursework: Data Structures, OOP, DBMS | June 2022
<i>Kerala, India</i> |

Certifications

Software Testing Certification — NPTEL (Jan-Feb 2025) — Score: 55/100