

Akshara Manoj

☎ +91 7356194185 ✉ akjmanoj24@gmail.com  [LinkedIn](#)  [GitHub](#)  [Portfolio](#)

Professional Summary

Developer wrapping up an MCA, with hands-on experience building full-stack web and mobile applications. I've led self-driven projects end-to-end—from UI design to backend and deployment. Most of my skills come from building things from scratch, solving real problems, and consistently learning. I'm now looking to join a team where I can contribute, grow, and tackle real-world challenges.

Technical Skills

Programming Languages: JavaScript, TypeScript, Python, HTML5, CSS3
Libraries & Frameworks : Node.js, Express, React, NextJS, TailwindCSS
Databases: MongoDB, MySQL
DevOps: GitHub Actions, CI/CD Pipelines, Docker
Tools & Platforms: Git, Postman, Figma, Vercel, Render, Expo, AWS Amplify
STACK: MongoDB, Express.js, React.js, Node.js

Project Experience

TRAVEL & EXPLORATION MOBILE APP

2025

React Native, Node.js, Express.js, MongoDB, WebSockets, JWT, Docker, GitHub Actions, Expo, Render

- Built a mobile app connecting travel creators with explorers using **React Native** and **Node.js**.
- Added real-time chat using **WebSockets**; included location and social features.
- Deployed frontend via **Expo**, backend on **Render** with **Docker**.
- Automated testing and deployment with **GitHub Actions**.

OTT STREAMING PLATFORM

2024

React, Firebase, Styled Components, Redux Toolkit, Stripe, Framer Motion

- Developed a responsive OTT streaming platform using **React** with a mobile-first design powered by **styled-components**.
- Implemented user authentication and profile management using **Firebase Authentication**.
- Integrated **Stripe** for secure payment processing and subscription management.
- Utilized **Redux Toolkit** for efficient and scalable state management across the application.
- Enabled dynamic content rendering with smooth transitions using **Framer Motion** for enhanced user experience.

Mask Detection System

2022

Python, OpenCV, Haar Cascades

- Developed computer vision system with 98% accuracy using **machine learning** algorithms.
- Optimized performance to handle real-time video streams with low latency.
- Reduced false positives by 25% through parameter tuning and dataset optimization.

Education

Mahatma Gandhi University

Expected 2025

Master of Computer Applications (MCA)

Kerala, India

* Relevant Coursework: Advanced Algorithms, Artificial Intelligence, Web Development

Mahatma Gandhi University

2022

Bachelor of Computer Applications (BCA)

Kerala, India

* CGPA: 6.66/10.0 (B+)

* Relevant Coursework: Data Structures, OOP, Database Management Systems