Akshara Manoj

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Professional Summary

Developer wrapping up an MCA degree, with hands-on experience building both web and mobile applications. I've worked on a range of self-led projects where I handled everything from UI design to backend logic and deployment. Most of what I know comes from building things from scratch, solving problems as they come, and staying consistent with learning. I'm now looking to join a team where I can put those skills to use, keep improving, and take on real-world challenges.

Technical Skills

Programming Languages: JavaScript, Python, TypeScript, 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
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

- Developed a full-stack mobile application connecting travel creators with explorers using **React Native** and **Node.js**.
- Implemented real-time communication features using **WebSocket** technology.
- Built location-based services and social networking features for enhanced user interaction.
- Created a scalable **microservices architecture** using **Docker** containers.
- Set up a **CI/CD pipeline** with **GitHub Actions** for automated testing and deployment.

OTT STREAMING PLATFORM   *2024*
React, Firebase, Styled Components CSS, Redux, Stripe, Framer Motion

- User authentication and profile management using **Firebase**
- Payment integration using **Stripe** for subscription management
- State management using **Redux Toolkit** for efficient data flow
- Dynamic content rendering with smooth animations using **Framer Motion**.
- Responsive design with mobile-first approach using **styled-components**

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