

RAZI AHMED M

+91 8590306034 | raziahmed.rz@gmail.com
www.linkedin.com/in/razi-ahmed-m | github.com/razi-dev/

SUMMARY

Mobile Application Developer with hands-on experience in web and mobile application development. Skilled in React Native, Expo, JavaScript, REST APIs, authentication, and backend integration. Contributed to 3+ e-commerce applications and 2+ HRMS applications. Experienced in building AI-powered applications using LLM APIs, Retrieval-Augmented Generation (RAG), vector databases, and LangGraph.

PROFESSIONAL EXPERIENCE

Webgeon Results Private Limited

2026 – Present

Mobile Application Developer Intern | India

- Developed **Panchalivastra** and **Rantaa** mobile applications and contributed to 2+ additional e-commerce applications using React Native and Expo.
- Contributed to 2+ HRMS applications, including **Elitecraft HRMS** and **Atmos HRMS**, implementing mobile features and application functionality.
- Integrated REST APIs, authentication mechanisms, and backend services to enable secure access and reliable data exchange.
- Implemented push notifications, loading states, animations, and interactive UI features to improve application functionality and user experience.
- Debugged, tested, and troubleshooted application issues, implementing fixes based on functional requirements.
- Used Git and GitHub for version control and collaborated with web development and DevOps teams on integration, testing, and deployment.
- Took ownership of assigned mobile development tasks and implemented features to support project delivery.

PROJECTS

TrueTalkie – Tactical Offline Mesh and Cloud Walkie-Talkie

React Native (Expo), Kotlin, WebRTC, UDP Sockets, Supabase

- Engineered a dual-mode push-to-talk application supporting real-time voice communication over cloud networks and offline peer-to-peer Wi-Fi and hotspot connections.
- Integrated WebRTC for real-time audio communication and Supabase Realtime for online signaling and connection coordination.
- Developed a native Kotlin audio streaming component with foreground services to support background audio functionality.
- Implemented gateway IP resolution and UDP packet serialization to support local-network communication in offline mode.
- Investigated WebRTC connectivity issues involving ICE negotiation, STUN discovery, and hotspot network limitations during multi-device testing.

Enterprise AI Agent Platform

Python, FastAPI, LangGraph, RAG, ChromaDB, LLM APIs

- Built an AI-powered question-answering system using Retrieval-Augmented Generation (RAG) and LangGraph to orchestrate document retrieval and LLM-based response generation.
- Implemented semantic document retrieval using vector embeddings and ChromaDB to retrieve relevant context for user queries.
- Developed a Python and FastAPI backend exposing AI workflows through REST APIs.
- Integrated LLM APIs to generate context-aware responses grounded in retrieved document content.

Personal AI Companion App

React Native (Expo), TypeScript, Supabase, Groq API

- Developed an AI-powered personal life coach that uses daily logs, habit tracking, journal entries, and chat history to generate context-aware guidance.
- Integrated the Groq API for conversational AI and Supabase for authentication, cloud synchronization, and backend data management.
- Implemented habit tracking with streaks, completion statistics, behavioral insights, and weekly reviews to help users monitor personal progress.
- Designed a modular application architecture with reusable components, service modules, and persistent local storage using AsyncStorage.

NetVision – Real-Time Network Analyzer

React Native (Expo), Node.js, Express.js, MongoDB

- Developed a mobile application for visualizing cellular network coverage, nearby tower locations, and signal quality across different areas.
- Implemented interactive maps and color-coded coverage heatmaps to help users explore network availability and identify signal-strength variations.
- Built backend REST APIs using Node.js and Express.js to retrieve tower data, coverage statistics, and network measurements.
- Integrated MongoDB for data storage and structured the application into frontend, backend, service, and API modules.
- Implemented location-based tower discovery, multi-provider coverage visualization, and network measurement history.

EDUCATION

Master of Computer Applications (MCA) Federal Institute of Science and Technology, Angamaly	2024 – 2026 CGPA: 6.83
Bachelor of Commerce (B.Com) Ma'din Arts and Science College, Calicut University	2021 – 2024 CGPA: 6.3
Higher Secondary Education – Computer Science Government Rajas Higher Secondary School, Kottakkal	2019 – 2021 90.5%
Secondary School Leaving Certificate (SSLC) Government Rajas Higher Secondary School, Kottakkal	2019 91%

TECHNICAL SKILLS

Mobile and Frontend React Native, Expo, React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS	Backend and Web Node.js, Express.js, NestJS, FastAPI, REST APIs
AI and Machine Learning LLM APIs, RAG, AI Agents, LangGraph, LangChain, Prompt Engineering, Embeddings, Vector Databases	Databases SQL, MySQL, MongoDB, ChromaDB, pgvector
Tools and Platforms Git, GitHub, Docker, AWS, Postman	Real-Time Communication WebRTC, Kotlin, UDP Sockets, Supabase

CERTIFICATIONS

- DevOps Fundamentals – IBM SkillsBuild, March 2026
- AWS Academy Cloud Foundations, August 2025
- MERN Stack Bootcamp – LinkUrCodes, July 2025
- Communication Skills – TCS iON, September 2025
- MPOWER Soft Skills Training Program – FISAT

HONORS AND ACHIEVEMENTS

- **Phoenix Rising Award – Webgeon Results, 2026:** Recognized during the Mobile Application Developer Internship for taking ownership of mobile app development.
- **Top 5 Performer:** MERN Stack Bootcamp, FISAT and LinkUrCodes, July 2025.

LEADERSHIP AND LANGUAGES

NSS Volunteer: College-level volunteering for 2 years.
Languages: English, Malayalam, Arabic