

Faizan Ali

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SUMMARY

Full-Stack Developer focused on building AI-powered web applications using the MERN stack. Experienced in authentication systems, REST APIs, AI API integration, Docker-based deployment, and backend architecture, with projects involving structured AI generation and production-style authentication.

SKILLS

Languages: JavaScript, TypeScript, Python, C/C++

Frontend: React.js, Next.js, Tailwind CSS

Backend: Node.js, Express.js, REST APIs

Databases: MongoDB, MySQL

Cloud & DevOps: Docker, AWS (ECR, ECS)

AI: Google Gemini API, Prompt Engineering, Zod Schema Validation

Tools: Git, GitHub, Postman, VS Code

PROJECTS

InterviewAI – AI-Powered Interview Preparation Platform

github.com/faiz4n/interview-ai

React.js, Node.js, Express.js, MongoDB, Google Gemini API, Docker, AWS, PDF Parse

- Built a full-stack AI interview platform that analyzes resumes and job descriptions to generate personalized interview reports using Google Gemini 2.5 Flash.
- Designed schema-validated AI pipelines using Zod to maintain consistent JSON responses across interview questions, skill-gap analysis, and preparation roadmaps.
- Secured authentication using JWT, HttpOnly cookies, token blacklisting on logout, and bcrypt password hashing.
- Containerized the application using Docker and deployed backend services on AWS ECS with container images stored in Amazon ECR.

Sonara – Full-Stack Music Streaming Platform

github.com/faiz4n/Sonara

React.js, Node.js, Express.js, MongoDB, JWT, ImageKit

- Developed and deployed a full-stack music streaming platform with 10 REST APIs and a 3-model MongoDB schema supporting track uploads, album management, and role-based access control.
- Integrated ImageKit and Multer for audio and image uploads with real-time upload feedback in the React frontend.
- Protected backend routes using JWT middleware, HttpOnly cookies, and bcrypt-hashed credentials.

RFID Attendance Management System – IoT + Web Dashboard

github.com/faiz4n/rfid

React.js, Node.js, Express.js, MongoDB, ESP32, C++

- Built a smart attendance system integrating an ESP32 microcontroller with an MFRC522 RFID reader to send scan data to a REST API over WiFi.
- Created backend endpoints for attendance logging, user enrollment, and real-time attendance statistics with support for known and unknown card detection.
- Designed a React dashboard displaying live scan activity, attendance statistics, and enrolled users.

EDUCATION

Bachelor of Computer Applications (BCA)

Vivekananda Institute of Professional Studies, GGSIPU

2023 – 2026

CGPA: 8.25/10