MUHAMMAD FAIZAN

Full Stack Developer | Computer Science Graduate

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PROFILE

Full Stack Developer with hands-on experience across React.js, Next.js, React Native, Node.js, Express.js, RESTful API development, and both relational (MySQL/Sequelize ORM, PostgreSQL/Supabase) and NoSQL (MongoDB) databases. Skilled in Generative AI and LLM integration, connecting applications to large language models (Gemini API) and building Retrieval-Augmented Generation (RAG) features with LangChain. Computer Science graduate (CGPA 3.44/4.0) comfortable in backend, frontend, or full-stack roles — from secure, JWT-authenticated APIs to production-deployed React interfaces. Quick learner and team player.

EDUCATION

Bachelor's Degree in Computer Science — University of Mianwali *2022 – 2026*

CGPA: 3.44 / 4.0

EXPERIENCE

Full Stack Developer, Bitzsol *Aug 2026 – Present*

- Developing and maintaining full-stack MERN features (MongoDB, Express.js, React.js, Node.js) with RESTful APIs, JWT-based auth and RBAC.
- Building Rishta & Rang, a matrimonial mobile app, in React Native, and the Bitzsol company portfolio website in Next.js.
- Collaborating with the engineering team on code reviews, debugging, and production deployments.

Backend Developer Intern *03/2026 – 04/2026*

- Built RESTful APIs with Node.js and Express.js, and designed MySQL databases using Sequelize ORM.
- Implemented CRUD operations and tested APIs with Postman.

Frontend Developer Intern, Code With Alpha — Remote *04/2025 – 05/2025*

- Built responsive front-end interfaces using React.js based on UI/UX design specifications.

TECHNICAL SKILLS

Languages: JavaScript, Python, HTML, CSS
Frontend: React.js, React Native, Next.js, React Router, Vite, Tailwind CSS
Backend: Node.js, Express.js, RESTful APIs, JWT Auth, bcrypt, Role-Based Access Control (RBAC)
Stack: MERN Stack (MongoDB, Express.js, React.js, Node.js)
Databases & BaaS: MongoDB, MySQL, PostgreSQL, Sequelize ORM, Supabase (Auth, Row Level Security)
Tools & Deployment: Git, GitHub, Postman, Vercel
AI & LLMs: Generative AI, Large Language Models (LLMs), LLM Integration (Gemini API), Retrieval-Augmented Generation (RAG), LangChain

PROJECTS

Rishta & Rang — Matrimonial Mobile App (React Native + Supabase)

- Built a 28-screen matchmaking app with React Native (Expo SDK 54, Expo Router), TypeScript and Supabase.
- Added OTP sign-up, selfie & CNIC verification, a Wali (guardian) dashboard and block/report controls.
- Built realtime chat, push notifications, RevenueCat subscriptions and an English/Urdu/Roman Urdu UI.

Tech: React Native, Expo, TypeScript, Supabase (Auth, Realtime, Edge Functions), RevenueCat
APK: expo.dev/artifacts/eas/jIZ1olZZROoaaL-alutumpLzzF-uDGyvIFz1QV_FkkQ.apk

Coffee Shop Website (Full-Stack)

- Built a multi-page site for The Coffee Bean & Tea Leaf Pakistan with a preloader, story section and reviews.
- Developed a categorized menu with item details and a store locator for 21 outlets across 7 cities.
- Implemented sign in/up, contact form and newsletter, with Vercel SPA rewrites to prevent 404s on refresh.

Tech: React 19, Vite, Tailwind CSS, Supabase, Vercel
Live: cblt-cofee-website.vercel.app
Code: github.com/Faizan-mk/cofee-website

Hostel Management System (Full-Stack)

- Built a full-stack hostel/dormitory management platform serving 2 user roles (Admin, Student), each with a dedicated dashboard.
- Admin panel covers 6 core modules: room allocation, student & staff management, fee tracking & invoicing, complaint handling, and notice board.
- Implemented JWT access/refresh tokens, role-based access control, file uploads, and DB migrations/seeders.

Tech: React.js, React Router, Node.js, Express.js, MySQL + Sequelize ORM, JWT
Live: my-react-app-omega-nine-26.vercel.app
Code: github.com/Faizan-mk/Hostal_Mangment-system

AI-Based Travel Planner (MERN + AI)

- Built an AI-powered travel planning platform integrating 4 core modules: AI chatbot assistant, budget planner, expense tracker, and real-time weather updates.
- Added an SOS emergency module and smart trip notifications to improve traveler safety and engagement.

Tech: React.js, Node.js, Express.js, MySQL + Sequelize ORM, JWT, bcrypt
Code: github.com/Faizan-mk/travel-planner-frontend

User Authentication System (MERN Stack)

- Built a full-stack auth system from scratch with secure registration, login, and JWT-based session management.
- Implemented bcrypt password hashing, protected-route middleware, and Context API for global auth state, reducing unauthorized-access risk on protected routes.

Tech: React.js (Vite), Node.js, Express.js, MongoDB, JWT, bcrypt
Code: github.com/Faizan-mk/User-Authentication-System-MERN-Stack

Personal Portfolio Website (Next.js)

- Built a responsive portfolio with an animated hero, experience timeline, skill bars and a 12-project showcase.

Tech: Next.js, React, Tailwind CSS, Vercel
Live: portfolio-website-psi-sandy-34.vercel.app

CERTIFICATIONS

- Frontend Development Internship — CodeAlpha, 15 Apr 2025 – 15 May 2025
- Back End Development Internship — DevelopersHub Corporation, 1 Mar 2026 – 12 Apr 2026

COURSES

- Data Analyst Course (Python, NumPy, Pandas, Seaborn, Matplotlib) — Code With Harry
- Soft Skills Development Program — Punjab Educational Endowment Fund (PEEF), 11/2024
- MS Word, Excel, PowerPoint — Technical Education & Vocational Training Authority, 06/2022 – 08/2022