Fawad Iqbal

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ABOUT ME

Full Stack Developer with 3 years of progressive experience building scalable, high-performance web applications using TypeScript, MERN Stack, and Next.js. Skilled in architecting microservice-based systems, designing RESTful APIs, and working with PostgreSQL, MySQL, and MongoDB. Strong in CI/CD, Docker, Linux server deployments, and cloud platforms such as AWS and Vercel. Experienced in rapid prototyping, integrating third-party services, and delivering secure, production-ready solutions in Agile environments.

WORK EXPERIENCE

FULL STACK ENGINEER – ONLINE DIMENSIONS – 25/10/2025 – Current – REMOTE, LEBANON

- Develop full-stack features using Node.js, Express.js, React.js, MongoDB, and MySQL
- Build and optimize REST APIs, backend systems, and secure database structures
- Manage Linux server deployments with Nginx, PM2, and automated CI/CD pipelines
- Maintain multiple Git repositories and ensure high-performance, scalable web applications
- Handle SSH-based server administration, debugging, and infrastructure optimization.

Tech: Node.js, Express.js, React.js, MongoDB, MySQL, Nginx, Linux, Git, SSH, CI/CD, PM2

FULL STACK DEVELOPER – FREELANCER.COM – 03/03/2022 – Current – REMOTE

- Designed and developed full-stack apps with MERN, Next.js, and Tailwind CSS
- Built REST APIs, handled authentication (JWT/OAuth), and integrated MongoDB/PostgreSQL
- Rapidly prototyped features using Cursor AI and V0.dev
- Integrated chatbots, payment gateways (Stripe, PayPal), and real-time notifications
- Deployed apps on Vercel and Render with CI/CD
- Built React Native mobile apps connected to Firebase backend

INTERN SOFTWARE ENGINEER – SPOTTROOP – 01/04/2023 – 01/04/2024 – REMOTE, GERMANY

- Developed web and mobile apps for an IoT-based parking management system
- Implemented server-side logic and database solutions to handle real-time sensor data
- Built dashboards with interactive maps for parking spot visualization and management
- Collaborated in Agile teams for efficient planning, development, and delivery
- Applied DevOps practices including Git for version control and Docker for deployment

Tech Stack: React, React Native, Node.js, MongoDB, Docker, Git, Agile, IoT

PROJECTS

01/05/2025 – CURRENT
TripleONE – Full-Stack Job Portal Application

- Built a scalable job portal with multi-role access (job seekers, employers, admin)
- Integrated secure JWT authentication, AWS S3 file uploads, and email notifications
- Integrated chatbots, payment gateways, and real-time notifications
- Developed real-time job tracking, advanced search, and responsive admin, job seeker and employer dashboards
- Delivered improved hiring workflow and platform reliability for business users

01/09/2024 – 01/08/2025
Liver Tumor Segmentation System – AI Medical Imaging

- Built UNet-based deep learning model with PyTorch for tumor segmentation.
- Deployed full system (React, Flask, Docker, AWS) with secure storage & chatbot assistant.

Link https://codecrood.vercel.app/dashboard

Fashion Fusion — MERN E-commerce Platform

- Built end-to-end MERN app with JWT auth (role-based), product listing with search/filters, and a clean, responsive UI.
- Implemented cart & wishlist with persistence and a full checkout flow using a payment gateway API (orders, validation, error handling).

Quiz App – Microservices Platform

- Designed Spring Boot microservices (auth, quiz, question) with JWT & API Gateway.
- Integrated React/Next.js frontend for scalable quiz-taking and scoring.

Gemini Chatbot – AI Assistant

- Built chatbot using Gemini API with React & Tailwind CSS UI.
- Implemented dynamic real-time conversations for user-friendly interaction.

Environmental Monitoring Dashboard – Pharma Production

- Built IoT dashboard with ESP8266 sensors and Firebase for real-time data.
- Developed Next.js frontend and Node.js backend for alerts & compliance monitoring.

Real-Time Chat App (React Native)

- Developed a cross-platform mobile chat application with React Native, enabling real-time one-to-one and group messaging.
- Integrated Firebase (Auth, Firestore, Storage) for authentication, data persistence, and media sharing with a responsive UI.

EDUCATION AND TRAINING

18/09/2021 – 01/08/2025 Abbottabad, Pakistan
BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING COMSATS University Islamabad, Abbottabad Campus

Field of study Software Engineering │ **Final grade** 3.15/4

SKILLS

Frontend

React.js │ Next.js │ React Native │ JavaScript (ES6+) │ TypeScript │ HTML5 │ CSS3 │ Tailwind CSS │ shadcn-ui │ Redux

Backend

Node.js │ Express.js │ Spring Boot │ RESTful APIs │ JWT Authentication │ MVC Architecture │ Error Handling

Database Management

MongoDB │ MySQL │ PostgreSQL │ Firebase Realtime Database │ Firestore

Cloud Services & Hosting

AWS (EC2, S3, Lambda) │ Vercel │ Netlify │ Server Configuration

Software Testing & QA

Selenium/WebDriver │ Unit Testing │ Integration Testing │ End-to-End Testing │ Automated Testing

DevOps & CI/CD

Docker │ Github, Github actions │ CI/CD Pipelines │ Linux (Ubuntu) │ Bash Scripting

Tools & IDEs

Visual Studio Code (VS Code) │ Jira

AI & Prototyping

Cursor AI │ V0.dev │ OpenAI API

CERTIFICATES

Google Advanced Data Analytics Specialization (Coursera)

Link https://www.coursera.org/account/accomplishments/specialization/certificate/LBDCUGZMX63L

Image Processing Onramp – MathWorks

Link https://matlabacademy.mathworks.com/progress/share/certificate.html?id=7a4ab6de-b1db-4a4c-9e62-6b7177393494&

Introduction to IoT – Cisco

Link https://www.credly.com/badges/3f037d65-39d3-4344-9fb8-dbfef2ab491a/linked_in_profile