

MD FAIZ

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Experience

Idea Rise Technologies

June 2024 – June 2025

Backend Developer

Remote

Two-Factor Authentication System :

- Built a secure 2FA system using **Express.js**, **JWT**, **Passport.js**, and **Speakeasy** to strengthen user authentication.
- Refactored the project into **modular components** by separating authentication logic, middleware, configuration, and utility functions, reducing code repetition by approximately **30%**.
- Tested the healthcare admin panel, achieving **100%** compliance with security protocols and safeguarding sensitive user data.

Smart Healthcare Appointment & Alert System :

- Developed a **real-time healthcare platform** with **Socket.io**, enabling instant updates for appointment status, Implemented **secure authentication** with JWT & role-based access.
- Automated **medication and appointment reminders** with Cron jobs + Twilio/EmailJS. Built a scalable backend using **Node.js + Express + MongoDB**, ensuring fast query performance with indexing.
- Collaborated with a 3-member team to adapt the service for multiple mock client platforms, implementing platform-specific configurations and custom retry logic to ensure compatibility and reliability across environments.

Hitbullseye

January 2023 – March 2023

ReactJS Trainee

Remote

- Developed responsive user interfaces for projects using **ReactJS**, **HTML**, **CSS**, and **JavaScript**, improving user engagement by **40%** and optimizing load times by **20%**, resulting in enhanced user experience and satisfaction

Technical Skills

Languages & Databases : Java — MongoDB — SQL — MYSQL

Frameworks & Architecture: Express.js — Microservices — REST API — JSON

Methodologies : Agile — Scrum

System Design : HLD — LLD — Load Balancer

Tools & Platforms: CI/CD — Docker — Git — GitHub —

Projects

Blood Bank — Express.js, Nodejs, JWT, MongoDB, Bcryptjs

September 2025

- * Engineered a secure and scalable REST API backend using Node.js, Express, and MongoDB, enabling real-time donor–receiver matching and handling 100+ concurrent user requests with low latency
- * Optimized database queries and implemented indexing in MongoDB, reducing search time for donors by ~60% and improving overall API response times to under 300ms.

Education

Lovely Professional University

September 2020 – September 2024

Bachelor of Technology in Computer Science

Phagwara, Punjab

Certifications / Extracurricular

- Mastered database design and normalization concepts through the **Infosys Springboard Database Management System Part-1 course**, leading to a 1increase in efficiency when optimizing database queries..
- Facilitated daily **Scrum meetings** for a team of eight engineers, resolving impediments and fostering a collaborative environment that improved sprint success rate to **90%** within six months.
- Solved **460+** DSA questions on **LeetCode**. With a Streak of **300+** days