

Faiz Zubair Vadakkayil

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SUMMARY

Entry-level Full Stack Developer specializing in the **MERN stack**, experienced in building scalable, user-centric web applications. Skilled in **ReactJS**, **NodeJS**, **RESTful APIs**, and **MongoDB**, with exposure to DevOps workflows and blockchain-based systems, complemented by strong problem-solving abilities, effective communication skills, a proactive learning mindset, and the ability to collaborate in cross-functional teams while taking ownership of assigned tasks.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript
- **Web Development:** ReactJS, HTML5, CSS3, Redux Toolkit, NodeJS, Express.js, Tailwind CSS, Material UI, Bootstrap, RESTful APIs, Socket.IO
- **Databases & Caching:** MongoDB, Redis
- **Tools & APIs:** Git, GitHub, Docker, CI/CD Pipelines, Postman, Cloudinary, Google Gemini API, Hugging Face API

PROJECTS

MyStore — Full-Stack E-Commerce Platform (MERN)

[GitHub](#) | [Live](#)

- Developed a scalable **full-stack e-commerce platform** using **React**, **Redux Toolkit**, **Node.js**, **Express**, and **MongoDB**, featuring **JWT authentication**, **role-based access control**, product management, cart system, and order lifecycle handling.
- Implemented secure RESTful APIs with **bcrypt password hashing**, **Helmet security headers**, **rate limiting**, **CORS configuration**, and **cookie-based session management**, ensuring protection against common web vulnerabilities.
- Integrated **Razorpay payment gateway** for real-time checkout processing and enhanced API performance with **Redis caching** for frequently accessed product data.
- Built robust, user-friendly forms using **React Hook Form** and **Zod schema validation**, improving data integrity and reducing client-side errors.
- Designed an **admin dashboard** for inventory control, stock updates, order tracking, and user management..
- Optimized frontend performance with lazy loading, pagination, search filters to improve user experience and scalability.

SmartChain Tender System (Blockchain + MERN)

[GitHub](#)

- Designed and implemented a **blockchain-based e-tendering platform** enabling secure, transparent, and tamper-proof bid submission and evaluation.
- Built **Ethereum smart contracts in Solidity**, tested and deployed using **Hardhat**, with on-chain bid verification via **ethers.js**.
- Developed a **MERN backend (Node.js, Express, MongoDB, Mongoose)** with REST APIs, handling authentication, bid workflows, and contract interactions.
- Implemented **decentralized document storage** using **IPFS** and **MongoDB GridFS**, including PDF parsing and integrity validation.
- Integrated the **Google Gemini API** to perform **automated document verification and content analysis** for validating tender compliance.

Promptive AI (AI SaaS Platform)

[GitHub](#) | [Live](#)

- Designed and developed a production-ready **AI-powered SaaS platform** for image generation and content rewriting with a modern, responsive UI.
- Integrated **Hugging Face FLUX** for high-quality AI image generation and **Google Gemini** for intelligent text rewriting with tone control.
- Optimized media delivery using **Cloudinary** for cloud-based image storage, fast CDN access, and download support.
- Implemented secure authentication and protected APIs using **JWT** and **Google OAuth**, with persistent user history.

EDUCATION

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| ▪ B.Tech in Computer Science and Engineering | Government College of Engineering, Kannur | 2025 |
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ACHIEVEMENTS & CERTIFICATIONS

- Winner, **ISTE State-Level Hackathon 2024** for developing a music recommendation application. — [Certificate](#).
- Solved **100+ Data Structures and Algorithms** problems on LeetCode.
- Team Lead for the **SmartChain Tender System** project, responsible for system design, task distribution, and integration.
- Organized a **React.js workshop** at GCE Kannur, teaching **50+ students**.
- Completed the **MERN Stack Program** from **AccioJob** with an **NSDC-accredited certification** — [Certificate](#).