Muhammad Fayaz

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SUMMARY

I've spent the last 1+ years Working as a full-stack development with the MERN stack, Next.js and Laravel where I built and deployed real-world monolithic and microservices-based applications. Later completed a remote, self-paced internship at Mentoga, working on practical, industry-level projects. Built AI SaaS platforms, e-commerce apps, and dashboards using modern tools like GraphQL, Redis, Rabit MQ and OpenAI APIs. Gained hands-on experience in Docker, testing, API integration, authentication, and responsive design.

SKILLS SUMMARY

- **Languages**: JavaScript, Typescript, PHP, Python
- **Frontend**: React.js, Next.js, Tailwind CSS, Shade Cn, Ant Design
- **Backend**: Node.js, Express.js, GraphQL, Laravel
- **Databases:** MongoDB, PostgreSQL, MySQL, Prisma ORM, Type Orm
- **State Management:**   Redux Toolkit, Zustand
- **DevOps & Deployment:** Docker, CICD, Github Actions, Vercel, Railway, Netlify
- **Caching & Optimization:** Redis, Rabbit MQ
- **Gen AI:** AI integration in Web apps, Langchain, Chatbots
- **Tools & Other:** Testing (Vitest, Jest), Github, Figma
- **Soft Skills**: Teaching, Excellent communication

WORK EXPERIENCE

Full Stack Developer - INTERN | Mentoga | LINK   Jan-24 – Aug-24

Fashion Tech Internship | Web Developer | 3 months Completed a self-paced internship focused on practical, industry-relevant tasks. Built and deployed full-stack applications including:

- A Blog Platform with Content Management
- An E-Commerce Product Listing Page
- A Task Management Dashboard with User Authentication
- A Weather Forecast Web App using live API data Enhanced skills in UI/UX, authentication flows, API integration, and responsive design.

MERN Stack Developer - Onsite | SH | LINK   Oct - 24 – Working

- Joined a UK institute & software house as a Junior Developer to begin my career.
- Contributed to real-world monolithic and microservices-based systems as a junior developer.
- Built and deployed full-stack MERN applications, including an SaaS platform and Food Ordering Plateform and build many microservices apps.
- Wrote unit and integration test cases for critical features
- Integrated GraphQL, OpenAI APIs, Redis, and Kafka into scalable systems
- Dockerized microservices and ensured smooth production deployment
- Integrated services into React frontends with efficient state management and real-time features
- Contribute to building HMS, LMS with Laravel

PROJECTS

Food Panda App | MERN | GITHUB | LINK   Personal Project

- A full-stack food delivery platform with Double authentication for Customers and Restaurant holder.
- Built an Admin Dashboard for restaurant & menu management with seamless order placement.
- **Implement Advance Search** (by country, city, restaurant) to enhance user experience.
- Enabled **smooth order placement** with real-time updates, enhancing customer satisfaction and retention.
- Integrated **Cloudinary** for optimized media management and storage, ensuring fast image delivery
- Developed an interactive Admin Dashboard to efficiently manage restaurants, menus, and orders with real-time insights.
- Leveraged **MERN Stack, GraphQL, Redis, Zustand, TypeScript, and Zod** for scalable, type-safe, and high-performance architecture.

AI SAAS APP | NEXT.JS | [LINK](#) | [GITHUB](#)

- o Built an AI SaaS web app using Next.js, TypeScript, Prisma, Mongo Db and Open AI APIs. Offering features like chatbots, Code Generation and Reviewer and image tools.
- o Built with **Next.js (TypeScript)** for a high-performance, scalable frontend and seamless user experience.
- o Implemented **Prisma ORM with MongoDB** for efficient database modeling, queries, and secure data management.
- o Integrated multiple **AI APIs (OpenAI, Claude, Gemini, Pollination)** to provide diverse and powerful AI-driven services.
- o Designed and optimized **AI Assistant & Code Analyzer** to automate tasks and improve developer productivity.
- o **Image Generation & Background Removal tools**, **AI Coach, AI Fun Bot ,** enhancing creative workflows and design efficiency.
- o Applied clean architecture & best practices for maintainable, production-ready SaaS development.

Onsite - Projects | MERN – Microservices App

- o **Delivered and contributed to monolithic applications** using the **MERN stack**, later transitioning them into scalable microservices for industry-grade architecture.
- o Architected a **microservices-based system** with 5 core services (**Auth, Catalog, Order, Notification, and supporting services**) using the **MERN stack**.
- o Built a **secure, production-grade Auth service** from scratch with **JWT authentication, role-based access control, and token refresh**.
- o Implemented **Redis caching** for faster queries, **RabbitMQ message queues** for reliable async communication, and **WebSockets** for real-time updates.
- o Developed **Catalog & Order services** with scalable APIs, ensuring high availability and efficient request handling.
- o Integrated services into **React + Next.js frontend**, delivering a seamless user experience across distributed components.

CERTIFICATES

Full Stack Web Development | Govt | [LINK](#)   **March 2024**
- o Successfully completed **6-month Government e-Hunar Certification in Web Development**, gaining hands-on experience with both **MERN Stack** and **Laravel** frameworks.
- o Completed multiple real-world projects under professional guidance, simulating industry workflows.