MOHAMMAD FAIZAL

Full Stack Software Developer

Bengaluru, Karnataka, India

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PROFESSIONAL SUMMARY

Experienced Full Stack Developer with 4+ years of building scalable and high-performing web applications. Strong background in delivering end-to-end solutions with a focus on clean architecture and seamless user experience. Proven ability to lead full development cycles from design to deployment in fast-paced environments.

TECHNICAL SKILLS

Programming Languages

JavaScript (ES6+), TypeScript, Python, C++

Frontend Technologies

React.js, Next.js, HTML5, CSS3, Tailwind CSS, Material-UI, ShadCN, Redux Toolkit, Recoil, React Query, Jest, Bootstrap

Backend Technologies

FastAPI, Node.js, Express.js, Microservices, RabbitMQ, REST APIs, GraphQL, WebSocket

Database & Storage

MongoDB, PostgreSQL, MySQL, SQLAlchemy (ORM), Ceph S3-compatible storage

DevOps & Cloud

Docker, Kubernetes, Containerd, CI/CD (Jenkins), Networking, AWS

AI/ML & Emerging Tech

Large Language Models (LLMs), Vector Databases, LangChain, LangGraph, AI/ML Integration

Software Engineering

Data Structures & Algorithms, System Design, Object-Oriented Programming, Version Control (Git), Agile/Scrum

Tools

Cursor, Notion

EDUCATION

Bachelor of Engineering (BE) - Computer Science Engineering

City Engineering College | 2017 - 2021 | **CGPA: 8.11/10**

PROFESSIONAL EXPERIENCE   (OVERALL 4+ YEARS)

Dimaag AI, Bengaluru, Karnataka   **Dec 2024 - Present**

Full Stack Developer

▶ Leading **full-stack development initiatives** with expertise in React.js and ShadCN UI for modern frontend experiences, coupled with robust **backend microservices architecture** using FastAPI and PostgreSQL

▶ Architected and implemented **message-driven distributed systems** using RabbitMQ for scalable communication between microservices, with **AI instance subscriptions** for real-time data processing and intelligent automation workflows

▶ Independently designed and deployed **enterprise-grade Ceph S3-compatible storage infrastructure** with multisite synchronization capabilities, delivering highly available storage solutions on **Kubernetes clusters**

▶ Engineered comprehensive **containerization workflows** using Docker and developed intelligent sync services to enable seamless data transfer and synchronization between on-premises and cloud environments

▶ Developed and optimized **multipart upload and download systems** with intelligent chunking mechanisms.

Pixel Mind IT, Bengaluru, Karnataka

Jun 2023 - Dec 2024

Senior Frontend Developer

▶ Led frontend development for **enterprise-level applications** using React with TypeScript, implementing scalable component architecture and state management solutions

▶ Developed a high-performance, **real-time booking system** with an interactive calendar interface similar to **Google Calendar** , utilizing React hooks, Redux State, and Web Socket, increasing user engagement and reducing booking conflicts.

▶ Engineered responsive and interactive data visualization **Dashboards and Reports** with **Chart2.js** , improving user data comprehension and contributing to a 25% increase in premium subscriptions.

▶ Optimized application performance through **code splitting, lazy loading** , and efficient state management, reducing initial load time by 45%

▶ Mentored junior developers and conducted **code reviews** to maintain high code quality standards

CronJ IT Technology, Bengaluru, Karnataka

Aug 2021 - Jun 2023

Software Developer (MERN Stack)

▶ Built and maintained **web applications** using MERN stack (MongoDB, Express.js, React, Node.js), improving application performance

▶ Developed comprehensive **authentication and authorization systems** using JWT, Passport.js, and OAuth2, ensuring secure access for enterprise applications

▶ Implemented **RESTful APIs and GraphQL** services with proper error handling, logging, and documentation using Swagger/OpenAPI

▶ Integrated third-party services including **payment gateways, SMS APIs (Twilio)** , and cloud storage solutions (AWS S3)

▶ Create 20+ business landing Pages with **HTML5, CSS3, Bootstrap,** and business logic with modern **JavaScript (ES6)**

> **Worked at Atos Syntel on a contract basis for 6 months as a key Frontend Developer, contributing to client projects and delivering Features.**

FEATURED PROJECTS

Agentic Analytics Platform   🌐 Live Demo

● Developed a cutting-edge **analytics platform** that combines Large Language Models (LLMs) with sophisticated data analysis capabilities, enabling intelligent AI agents to understand natural language queries and generate comprehensive insights

● Implemented **conversational data exploration** where users can ask questions in plain English, and the system automatically analyzes data, creates visualizations, and provides actionable recommendations

Technologies: React, FastAPI, Python, LangChain, MongoDB, ChromaDB, Plotly, OpenAI API
Features: Natural Language Query Processing, AI-Powered Insights, Automated Visualization, Predictive Analytics, Real-time Data Processing

Crypter - NFT Token Trading Platform   🌐 Live Demo

● Designed and developed a comprehensive **NFT marketplace** with advanced trading features, user authentication, and wallet integration

● Implemented **real-time price tracking** , bidding system, and secure payment processing using blockchain technology

Technologies: React, TypeScript, Material-UI, Redux Toolkit, Web3.js, Ethereum, Solidity
Repository: https://github.com/dev-faizal/NFT-marketPlace

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Diploma in Data Science using Python

Cranes Varsity Pvt. Ltd. | Advanced Python, Machine Learning, Data Analysis

Strivers A2Z Data Structures & Algorithms Course

takeUForward.org | Comprehensive DSA, Problem Solving, Competitive Programming