

# Fayaz Pavakkal

Full Stack Developer



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## 👤 PROFILE

With more than four years of practical experience, I am a seasoned **Software Engineer** and **Full Stack Developer** specializing in the design, development, and deployment of applications across various technologies and programming languages. My proficiency extends to crafting robust web2 and web3 solutions, utilizing cutting-edge tools like **React**, **Node.js**, **Angular**, and other contemporary technologies. I bring to the table a knack for solving complex problems, coupled with an analytical mindset, ensuring the delivery of efficient and scalable solutions. My skill set encompasses working with databases such as **PostgreSQL** and **MongoDB**, along with seamless integration of essential tools like **Redis**. Committed to keeping pace with the dynamic landscape of the field, I consistently enhance my skills to foster innovation in my projects.

## 📁 PROFESSIONAL EXPERIENCE

### VAI Marketing Management

Senior Frontend Engineer

04/2023 - present | Dubai, United Arab Emirates

- Leading an agile team of 3 front-end developers.
- Develop and maintain admin applications and client-side applications for cryptocurrency-related projects using ReactJS and NextJS.
- Create data-intensive and table-driven interfaces, as well as form-driven workflows to enhance user experiences.
- Collaborate closely with the backend development team to ensure seamless integration and efficient data exchange for features such as withdrawals, deposits, graphs, and dashboards.
- Manage the Know Your Customer (KYC) process, Role Based Access control.
- Handle server deployments using Docker to ensure reliable and efficient deployment processes.
- Building reusable components and front-end libraries for future use.

### J & A Technologies

Frontend Developer

06/2021 - 10/2022 | Dubai, United Arab Emirates

- Developed front-end applications using Angular and ReactJS, utilizing RxJs and state management libraries such as ngRx for scalable and efficient code.
- Designed visually appealing web pages with Scss, TypeScript, and other front-end technologies, while integrating REST APIs to retrieve and display dynamic data.
- Successfully led the development of a betting exchange application with over 300,000 users, while refactoring code to reduce bundle size by 30% and improve loading time.
- Built an admin panel using ReactJS for efficient management of content and user data.
- Experienced with agile and waterfall methodologies, and able to adapt to different project management approaches as needed.

### Roughpaper Technologies LLC

Junior Full Stack Developer

11/2020 - 06/2021 | Dubai, United Arab Emirates

- Developed web applications and pages using React, implementing dynamic data display, user authentication, and interactive forms.
- Created visually appealing and user-friendly web pages for companies, utilizing Scss, JavaScript, and responsive design principles.

## 🧠 SKILLS

### Client-Side

- HTML
- CSS
- Javascript
- TypeScript
- ReactJs
- Nextjs
- Angular JS
- Bootstrap
- Material UI
- Chakra UI
- Tailwind CSS
- Ant Design
- StoryBook

### Server Side

- Express JS
- Node JS
- TRPc
- MongoDB
- mySQL
- PostgreSQL
- Redis

### DevOps

- Scrum
- Agile
- Git
- Docker
- BitBucket
- Github CI/CD - Github actions
- SSL

## 🎓 EDUCATION

### B.Tech

### Computer Science and Engineering

MES College of Engineering  
2016 - 2020  
Kuttippuram, India

## 📖 COURSES

### Advanced

### Node.js

### Course

Codedamn  
2022

- Hosted and deployed web applications with proper server configurations and version control using Git.
- Contributed to Node.js backend development with REST APIs, server-side rendering, and database management.

## PROJECTS

### **Cloud Minting**

*App where users get their minting rewards and purchase memberships*

09/2023

- Bootstrapped admin and client application using scalable architecture (ESLint, git hooks, Prettier, Atomic folder structure)
- Implemented Kyc, 2FA, RBAC etc
- Used React 18, Typescript, Storybook, Jest, Styled Components to develop platform.
- Configured entire project from base and used best strategies to make the module reusable to other websites

### **Emoji only social media**

*Twitter App but with Emoji only*

10/2023

- Created Twitter clone like app where user can tweet emoji only using TRPC
- Used NextJS with TS for frontend (Pages routing)
- Prisma with PlanetScale for Data-base (mySQL)
- Zod for validations, React Query for data fetching
- Clerk auth for authentication
- Placeholder images for blurry image using Base64 of original image
- Did rate limiting so user can only do 10 tweets per minute

### **AI Amana Fiber-glass**

*Website for a freelance client*

05/2023

- Using NextJS for portfolio application for fiberglass company in Sharjah UAE
- English and arabic version with SEO
- Created Postgre-SQL for storing text data (hosted in railway.app)
- Contentful application for image uploading
- Strapi CMS for admin side update (Image uploading/ data update)

### **Juno - Email Client for Gmail**

*Open source app for gmail client*

06/2023

- Open Source React Email Application connected to Gmail that is fast and easy to use via the web.
- NodeJs Backend for fetching and labeling emails from Gmail.
- Work with other open-source contributors to develop new features and fix bugs/issues.
- Write E2E test cases with Cypress and Vitest

### **CryptoCurrency Tracker**

*Live charts for most popular crypto currencies*

04/2023

- Developed a social media app using ReactJS for the front-end, with user interaction features such as liking, commenting, and sharing posts.
- Employed Node.js for the backend and used MySQL to store user data and post details.
- Implemented secure username and password authentication with auth cookies.
- Utilized React Query for optimistic updates to ensure seamless user experience while updating details and posts.
- Used SCSS for styling with both dark and light themes to provide an appealing and user-friendly interface.