

MOHAMMAD FAIZAL

Software Developer

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SKILLS:

- **Programming Languages:** Python, C++, JavaScript (ES6/7), TypeScript.
- **Frontend:** React, Next.js, HTML5, CSS3, Tailwind CSS, MaterialUI, Redux (Redux-toolkit and Redux Saga), Bootstrap.
- **Backend:** NodeJS, ExpressJS, MongoDB, MySQL, Rest APIs, GraphQL.
- **Other:** Data Structures & Algorithms (C++), Docker, Git, Agile (Scrum).

WORK EXPERIENCE:

Pixel Mind IT, Bengaluru, Karnataka

Sr.Frontend Developer | June, 2023 - Present

- Architected and implemented a scalable frontend infrastructure for a **gym management** platform using **React** with **TypeScript**, resulting in a 40% reduction in development time and improved code maintainability.
- Developed a high-performance, **real-time booking system** with an interactive calendar interface similar to **Microsoft Teams**, utilizing **React hooks**, **Redux-toolkit**, and **WebSocket**, increasing user engagement by 35% and reducing booking conflicts by 50%.
- 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.
- **Developed reusable and identical components** across the application, improving maintainability and reducing redundancy in the code base.
- **Optimized** application performance through advanced techniques such as **code splitting**, **lazy loading**, **Caching** and **server-side rendering (SSR)**, achieving a 30% improvement in load times and an 85+ Lighthouse performance score.
- Mentored a team of 5 junior frontend developers, conducting **code reviews** and **pair programming** sessions, resulting in a 35% improvement in team productivity and code quality.

CronJ IT Technology, Bengaluru, Karnataka

Full Stack Developer (MERN) | August, 2021 - June, 2023

- Built and maintained web applications with the use of **React**, **TypeScript**, **Redux**, and **Redux-Saga**, improving application performance and user satisfaction by 40%.
- Developed a robust user authentication and data management system using **Node.js** and **Express.js** for the backend, integrated with **MongoDB** for efficient data storage.
- Also used some middleware's like **Mongoose**, **Multer**, **Multer-s3**, **Passport**, **JWT**, **Bcryptjs**, and **Twilio** etc.
- Managed to add, delete, and update users by using **CRUD** operations and used **REST APIs**, thoroughly tested in **Postman**.
- Create 20+ business landing Pages with **HTML5**, **CSS3**, **Bootstrap**, added business logic with **JavaScript (ES6)**

Atos Syntel – Application Developer (Client-Side)

- Developed custom UI components (pagination, accordion, slider) to enhance user experience.
- Contributed to software troubleshooting, testing, and bug resolution using **Jest** and **unit testing**.
- Built and tested responsive web applications, gathering insights and filing detailed reports.

RELEVANT PROJECTS:

Crypter - NFT Token Trading Platform

<https://crypterapp.netlify.app/>

- Led the design and **development of the front-end interface** for the Crypter platform, enhancing user experience for seamless NFT token trading.
- Implemented features allowing users to efficiently purchase and manage their **NFT assets** within a responsive, intuitive interface.

Technologies used: React, MaterialUI, Bootstrap, Redux, Redux-saga, Tailwind CSS.

GitHub: <https://github.com/dev-faizal/NFT-marketPlace>

EmpTrack - Employee Management Software

- Developed a comprehensive **Employee Management System** to streamline employee record keeping, **performance tracking**, and **payroll management**.
- Implemented automated calculations for **tax deductions**, **leave without pay (LOP)**, and **Provident Fund (PF)** contributions, improving accuracy and reducing administrative workload by 30%.
- Utilized **React** components and **Node.js** APIs to create a scalable and maintainable application architecture. Integrated a **MySQL database** to efficiently store, retrieve, and update large volumes data.

Technologies Used: React, Node.js, MySQL, REST APIs

Multi Sphere – Insurance Policy Comparison App

- Built an insurance web app to **compare existing and new health and life insurance policies**.
- Built app with help of **React**, **Typescript**, **Material-UI**, and **TailwindCSS** to enhance the design of an application
- Secured the application by implementing **user authentication** with **NodeJS** and **ExpressJS** in the backend.

Technologies Used: React, Node.js, MySQL, REST APIs

CERTIFICATIONS:

Diploma in Data Science using Python – Cranes Varsity Pvt. Ltd.

Strivers A2Z DSA Course - takeUForward.org

EDUCATION:

City Engineering of College

Bachelor of Engineering (BE) - Computer Science Engineering| **2017 - 2021** | **CGPA: 8.11/10**