

# Muhammad Zubair Baig

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[zubairbaig212.github.io/portfolio](https://zubairbaig212.github.io/portfolio)



## WORK EXPERIENCE

### Frontend Engineer (Working Student)

Hivebuy

Jan 2024 - Present

*Berlin, Germany*

- Engineered a suite of web application interfaces using **React**, **HTML5**, and **CSS3** that enhanced user interaction; increased customer satisfaction ratings by approximately **20%** and reduced bounce rates by nearly **15%** due to improved responsiveness.
- Utilized **Redux** and **React Query** for **State Management** with an efficient performance optimization that the overall data load time is reduced by approximately **~20%**.
- Replaced the inefficient appointment system and restructured the client portal, reducing booking time by **~30%** and making client request processing faster by **~25%**, which resulted in a growth of customer satisfaction by **~20%**.

### Senior Software Engineer

Autoleap

Oct 2021 - Dec 2023

*Canada / Remote*

- Refined performance with **code splitting** and **lazy loading strategies** delivered an improvement of approximately **~25%** in initial loading times.
- Implemented **GraphQL** into **Next js** and **React** applications for fetching data, increasing efficiency by **~30%** and decreasing the API response time by **~25%**.
- Engineered and integrated a **Drag and Drop** feature for orders and invoices, reducing processing time by **~50%**, cutting the frequency of mistakes by **~10%**, and increasing end-user contentment by **~15%**.
- Built a comprehensive dashboard utilizing **React** and **Chart.js** that aggregated key performance metrics and now the tool is utilized by over **20** team members, fostering a culture of data-driven decision making across the organization.
- Crafted and implemented **RESTful APIs** with **Node js**, so that frontend and backend system are able to communicate with ease.
- Conducted usability testing and collect the feedback to improve the UI component and thereby the user satisfaction has increased by **~15%**.
- Collaborated with **Product Management** and **UI/ UX designers** to implement three cloud-based software applications, improving overall development speed by **~20%** and usage by **~30%**.

### Senior Frontend Engineer

Tplex

Oct 2018 - Oct 2021

*Karachi, Pakistan*

- Developed and produced over **50 responsive and accessible user interfaces** from visual designs and wireframes. To maintain uniformity, we aimed to make the UX of the sites and apps identical irrespective of the devices and achieved a **~90% accessibility compliance** according to WCAG norms.
- Created an advanced assessment platform leveraging **Material UI** and **PrimeNG**, resulting in a cohesive user experience; streamlined the design process, allowing for the addition of **20+ questions in under 5 minutes**.
- Optimized **Redux store** performance through the implementation of **Redux Thunk middleware**, with A/B testing demonstrating a **50% reduction in loading times**, providing users with a more fluid and responsive application experience.

- Analyzed user behavior data to develop a seamless navigation system; achieved a **40%** faster task completion time for users, directly enhancing overall user satisfaction and interaction effectiveness on the website.
- Crafted several custom **React hooks** and sources of **reusable components** in **React** to follow the principles of encapsulation and don't repeat yourself, leading to an estimated cut of the code copypaste factor on **~14%**.
- Applied **Tailwind CSS** for customizable and responsive design and was able to design pages with up of **25% less** time due to its utility-first frame work.

## SKILLS

### Programming languages

- JavaScript
- TypeScript

### Technologies

- React
- Next.js
- Material, Ant Design
- Styled Components
- GIT
- UI/UX
- GraphQL
- Mobile Development
- Angular
- Node.js
- Bootstrap, primeNg
- Redux Toolkit
- CI/CD
- Figma, Zeplin
- Jest
- JSON
- Vue
- HTML & CSS
- RxJS, Nx, NgRx, Nginx
- React query
- Jira
- RESTful APIs
- Agile Methodologies
- SQL/NoSQL

### Soft Skills

- Communication
- Teamwork
- Deadline Adherence
- Leadership

## PERSONAL PROJECTS

- **Rhithm**: Developed the Rhithm App from scratch in 2019 using React, Redux, and React query, with Material UI and PrimeNg for a seamless user interface. Leveraged with Zeplin and Figma to craft the real-time wellness app now serves 2.5 million users and supports over 200,000 concurrent users, specifically catering to the needs of students and teachers.
- **GMAU**: Designed and launched a comprehensive online martial arts training platform for Global Martial Arts University (GMAU) using React, AntDesign, SASS, Redux, React Query, and GraphQL. The platform supports over 25,000 active users, features more than 150 structured courses across various martial arts disciplines, and boosted user engagement by 45% through enhanced video lessons, interactive training materials, and personalized feedback.

## NOTABLE ACCOMPLISHMENTS

- Agile Project Management: Agile, Scrum, Kanban & XP - [Link](#)
- Angular - Mastering the Basics - [Link](#)
- React JS and .NET Core Web API Full Stack Master Course - [Link](#)
- The Complete JavaScript Course For Web Development Beginners - [Link](#)

## EDUCATION

### Arden University

M.Sc. of Data Analytics and Information Systems Management

Berlin, Germany

Nov 2023 - Aug 2024

### Sir Syed University of Engineering and Technology

B.Sc. of Computer Engineering

Karachi, Pakistan

Jan 2016 - Dec 2019