

Muhammad Zubair Baig

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SKILLS

Programming languages

- JavaScript
- TypeScript

Skills & Technologies

- React
- Angular
- Vue
- NgRx
- Redux
- React Query (TanStack Query)
- Vuex
- Styled Components
- Pinia
- TailwindCSS
- HTML & CSS
- Node.js
- MongoDB
- RESTful APIs
- GraphQL
- Webpack & Vite
- Microservices
- GIT
- CI/CD Pipelines
- AWS
- Jira
- Jest
- Cypress
- Storybook
- Playwright
- Agile Methodologies & Scrum
- ESLint & Prettier

Soft Skills

- Partnered with cross-functional teams to execute successful projects and achieve business objectives.
- Leveraged data-based insights to inform decision-making and streamline workflows
- Proactively identified and addressed issues to improve the performance of project.
- Quickly adapted the latest tools and technologies to stay agile in dynamic environments.

WORK EXPERIENCE

Submit

Software Engineer

Jan 2024 - present

Hivebuy

Berlin, Germany

- Enhanced key customer-facing pages, such as Product Listings and Checkout, significantly improving performance and UX, resulting in faster transactions and a reduction in page load time by 1 second.
- Introduce multilingual support, expanding the platform's reach to 10+ regions and driving global user adoption across diverse markets.
- Played a key role in LLM-based chatbot support, automating real-time assistance and reducing support queries, while providing immediate solutions to boost customer satisfaction, increasing by ~25%.
- Refined AI-powered features, like intelligent search and personalized recommendations, are increasing user engagement and retention by ~15%, and making it easier for customers to find products more efficiently.
- Collaborated with cross-functional teams in an Agile environment, delivering frontend solutions that enrich feature release cycles by 1 week.

Software Engineer

Nov 2021 - Dec 2023

Autoleap

Canada / Remote

- Improved the UI performance and modularity by creating reusable React components, resulting in a ~25% decrease in loading times, which increased engineering velocity for the upcoming sprints.
- Partnered with AI/ML teams to integrate predictive maintenance alerts into the repair workflow, which led to a reduced rate of unexpected breakdowns and improved vehicle turnaround time by 2 times.

- Boost AutoLeap onboarding and learning features by building responsive UI components with REST API connections that facilitated an engaging user experience and a more effective product adoption journey for each of their 10,000+ users.
- Apply smarter load strategies and deferred rendering that optimized the time-to-interactive (TTI) for important onboarding pages from 2.8 seconds to 1.5 seconds
- Reduced UI latency by profiling and optimizing the critical path, improving the form response and validation time by 400ms on average.

Frontend Engineer

Jul 2019 - Nov 2021

Tplex

Karachi, Pakistan

- Developed and maintained a real-time human development platform, scaling to support over 1.25M million users while ensuring consistent performance during peak load times.
- Created and launched 50+ responsive and accessible UIs, increasing usability on all devices consistent with WCAG 2.1 accessibility standards
- Wrote 150+ unit and integration tests with Jest, achieving ~50% test coverage and decreasing post-release bugs
- Assisted in refining the health medical record system for clinicians, leading to a major decrease UI latency from 700ms to under 300ms, and improving the rate of data entry with intelligent, context-aware suggestions.
- Designed over 20 reusable UI components and utilized RESTful APIs to render dynamic data for rendering patient information, including prescriptions, lab results, and encounter history.

PROJECTS

- **Rhithm:** Led development of a real-time wellness app, supporting 1.25 million users with Angular, RxJS, and NgRx, for students to manage their emotions and feelings, boosting user engagement by 40% - [View Project](#).
- **Counter Weight:** Engineered a responsive weight-loss platform using React, Node.js, and GraphQL, offering personalized user experiences and achieving a 30% increase in user retention - [View Project](#).
- **Ecommerce Dashboard:** Developed a responsive dashboard for managing e-commerce data with React and Syncfusion, cutting reporting time by 25% and improving client satisfaction by 20% - [View Project](#).

NOTABLE ACCOMPLISHMENTS

- Successfully scaled the Rhithm platform to 1.25M users under my leadership, leading to its acquisition by Securly [Read more about the acquisition](#).
- React JS and .NET Core Web API Full Stack Master Course - [View Certificate](#).
- The Complete JavaScript Course For Web Development Beginners - [View Certificate](#).
- Angular - Mastering the Basics - [View Certificate](#).
- Agile Project Management: Agile, Scrum, Kanban & XP - [View Certificate](#).

EDUCATION

Arden University

Berlin, Germany

M.Sc. in Computer Science

Nov 2023 - Jan 2025

Sir Syed University of Engineering and Technology

Karachi, Pakistan

B.Sc. of Computer Engineering

Jan 2016 - Dec 2019