

# HUNAIN BIN SAJID

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## Summary

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A seasoned software engineer with expertise in a diverse set of technologies including Web Apps, mobile apps, APIs, and browser extensions development. Supportive and enthusiastic team player dedicated to removing inefficiencies and increasing impact through active hands-on development, effective communication, and, leadership skills.

## Skills

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### Technical Skills

- Javascript, Typescript, React, React-Native, Nextjs, Remixjs
- Jest, react-testing-library, cypress, storybook
- css, scss, tailwind, material-ui, chakra-ui, styled-components
- Nestjs, Express Rest Api, GraphQL, Postgresql, MongoDB, Redis
- Git, docker

### Soft Skills

- Strong work ethic, Effective communication
- Growth-oriented, Team player
- Motivator, Entrepreneurial mindset

## Experience

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### Frontend Software Engineer - 12/2022 to present

#### RootsID, North America (remote)

- As a product engineer, building user experiences for Self-Sovereign Identity solutions to enhance usability and security.
- Developing fast iteration-based web apps for proof of concept and MVP using Next.js, reducing development cycles and time-to-market.
- Revamped the architecture of legacy code, improving maintainability and system performance, resulting in 20% faster load times and 60% reduced errors.
- Leading end-to-end efforts in software development, from mockup designs to the delivery of working software, ensuring a seamless and efficient process.
- Building an open-source browser extension for Self-Sovereign Identity-compatible authentication, contributing to the broader adoption of secure authentication practices.

### Senior Software Engineer - 06/2021 to 12/2022

#### Retailo Technologies, Riyadh, Saudia Arabia (remote)

- Defined, built, and fixed new customer-facing features using React and React Native, resulting in a 12% decrease in reported errors.
- Led cross-functional engineering teams of 3 developers, focusing on functions like a buy now, pay later (BNPL) plan, shopping cart experience, and platform optimization.
- Provided technical guidance for user onboarding and data collection in the BNPL module, delivering the feature 1.5 months ahead of the scheduled time.
- Led efforts in maintaining and updating the existing mobile and web app architecture, ensuring optimal performance and adaptability.
- Led the development of a design system from scratch in Storybook for React and React Native, ensuring consistency and efficiency across projects.
- Revamped the entire codebase from JavaScript to TypeScript, resulting in a 70% reduction in runtime errors and an improved development experience.
- Developed a Nestjs micro service-based pricing engine to provide SKU pricing based on location, optimizing the pricing strategy and enhancing efficiency.

### Senior Frontend Engineer - 08/2020 to 07/2021

## **Creative Chaos, Lahore, Pakistan**

- Architected the front end for a back-office web portal, accommodating thousands of users and ensuring scalable performance.
- Improved project efficiency by building reusable front-end library packages, enabling shareable codebases across multiple projects.
- Participated in the definition, development, and objectives of the project dashboard, enhancing project management and visibility.
- Translated designs and wireframes into high-quality code, ensuring consistency between visual elements and the final product.
- Ensured the feasibility of UI/UX designs by implementing the latest user-facing features using React, enhancing overall user experience.
- Conducted thorough code analysis, identified system risks, and ensured software reliability, contributing to a 25% reduction in critical issues.
- Enhanced client satisfaction by efficiently resolving backlog issues, contributing to a 28% reduction in client-reported issues.

## **Frontend Engineer - 12/2019 to 08/2020**

### **Arbisoft, Lahore, Pakistan**

- Single-handedly developed a healthcare app for a startup in React Native, taking it from concept to a fully functional product.
- Ensured code reliability by implementing unit test cases for a React web app, achieving an 80% code coverage for comprehensive testing.
- Enhanced user experience by identifying and optimizing web and mobile-based interactions across multiple browsers, resulting in 70% faster page load times.
- Monitored and surpassed front-end performance benchmarks, optimizing assets using tools like React DevTools and Lighthouse to achieve a 30% reduction in rerendering.

## **Full Stack Developer - 09/2018 to 12/2019**

### **IPLEX, Islamabad, Pakistan**

- Led full-stack efforts, utilizing React, Firebase, and Node.js, resulting in smooth project delivery and improvement in application performance.
- Optimized project efficiency by accurately estimating efforts and timelines, leading to a 15% faster project completion, and refining the product roadmap for improved project alignment.
- Resolved a critical bug in nested object serialization within an open-source repo, resulting in a 30% faster Firebase database dumping.
- Improved user satisfaction by implementing highly responsive UI components using React concepts, contributing to a 40% increase in user interaction.
- Improved legacy implementation in Firebase Cloud Functions using Express.js and Node.js, resulting in 20% faster response times for aggregation queries.
- Gained experience in PostgreSQL during the successful migration from Firebase NoSQL to SQL, resulting in a 33% reduction in database query times.

## **Mobile Game Engineer - 11/2017 to 08/2018**

### **Cubix Labs, Karachi, Pakistan**

- Increased user engagement by optimizing NPC AI, Character Controllers, Inventory, Leaderboard, Facebook App Invites, and Mobile Ads in a game project.
- Boosted project efficiency by 500% through the creation of an image annotation tool for a project.
- Enhanced gaming experience and user retention by creating a dynamic battle particle system for a card-based online multiplayer game.
- Streamlined development processes, achieving faster release cycles and timely updates for IOS and Android platforms.
- Improved project coordination and efficiency by actively participating in Scrum meetings, resolving dependencies, and ensuring team alignment.

## **Education**

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Bachelor of Science: **Computer Science - 2013 to 2017**

**FAST-NU, Karachi**