Saad Bin Waheed

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Summary

A highly skilled and experienced **Senior Software Engineer** with over 6 years of expertise in React Native, TypeScript, ReactJS, and .NET development. Proven track record in designing, developing, and deploying scalable mobile and web applications across diverse industries, including PropTech and Catalog Management. Proficient in integrating cloud services like Azure Blob Storage and managing CI/CD pipelines with Azure DevOps. Adept in implementing security standards, conducting unit and UI integration tests, and optimizing performance through load testing. Strong collaborator with hands-on experience in Agile methodologies, sprint management, and leading feature development for major clients like Shell and Mott MacDonald. Proficient in delivering high-quality, multi-language, and user-centric solutions with a focus on performance and security.

Skills & Competencies

- React Native, Typescript, Javascript
- Node, Express, React JS, HTML, CSS
- Xcode, Android Studio
- Testing Frameworks
- Redux, React Navigation, Formik, RTK Query
- Git, Agile/Scrum, JIRA Firebase, REST APIs
- Azure Devops, CircleCi for CI/CD pipelines
- Jest, Enzyme, Mocha, Puppeteer, Selenium

Education

Bachelor of Computer Engineering

NUST College of Electrical and Mechanical Engineering (EME), Rawalpindi. (2014 – 2018)

Achievements

- **APICTA Awards 2018** – Bangladesh, Nominated From Pakistan
- **P@SHA Award 2017** – Runners-Up Tertiary Student Category
- **FICS 2018** – Reached Stage 3
- **Commandant's Medal of Excellence** 2018
- **Hello Tomorrow Challenge Pakistan** 2017 – Winners
- **Startup-Cup Pakistan** 2017 –Semi Finalists
- **Bizplan Challenge, Sialkot** 2017 – Top 10

Experience

SENIOR SOFTWARE ENGINEER /SENIOR REACT NATIVE DEVELOPER   02/2024 - PRESENT
MOSAIK.IO (REMOTE - CONTRACT)
Key Responsibilities:

- Lead development of high-performance mobile apps using React Native for iOS & Android.
- Mentor junior developers, conduct code reviews, and enforce best practices.
- Integrate apps with RESTful APIs and third-party services.
- Optimize cross-platform performance for smooth, native-like experiences.
- Collaborate in Agile teams with designers, product managers, and QA.
- Identify and resolve performance issues, ensuring app stability and efficiency.
- Manage Git-based version control and code collaboration in a remote environment.
- Implement and maintain CI/CD pipelines for streamlined releases.
- Write unit/integration tests and debug issues effectively.
- Communicate and collaborate remotely using tools like Slack, Jira, Trello.

Experience...

SENIOR SOFTWARE ENGINEER   **08/2023 – 02/2024**

CITYSCAPE TECHNOLOGIES, ISLAMABAD, PAKISTAN

GenForm Mobile Application: (React Native, OpenAI, Express)
- Implemented OpenAI Assistant APIs for OCR of scanned forms and dynamic component generation in React Native.

ReBorn Mobile Application: (React Native, TypeScript, Styled-Components)
- Developed a PropTech mobile app for the Canadian property market.
- Integrated push notifications for real-time property alerts.

SENIOR SOFTWARE ENGINEER   **05/2023 – 07/2023**

BIRDY VENTURES, ISLAMABAD, PAKISTAN

ActiveBA Mobile App: (React Native, React, TypeScript, JavaScript)
- Developed minor features for marketing agents.
- Set up Play Store release flow and launched the app for internal testing.
- Configured iOS profiles, certificates, and release flow for the App Store.

ActiveBA Web: (React Native, JavaScript)
- Designed the UI for the Acquisitions module of the website.

SENIOR SOFTWARE ENGINEER   **02/2023 – 05/2023**

SENIOR SOFTWARE ENGINEER   **02/2021 – 03/2023**

EMPG LABS, ISLAMABAD, PAKISTAN

Propforce Affiliates: React-native, Typescript, and JavaScript.
- Collaborated with the development team and stakeholders for the delivery of Zameen's revamped Affiliates app.

PropPlus: React-native, JavaScript
- Integrated Firebase in-app messaging to enable Product team to send out notification messages to Sales agents.

Propforce Affiliates: React-native, Typescript, Javascript.
- Collaborated with a team to revamp an existing React-Native app's architecture and design as per new business demands. Converted design mockups into working app modules.
- Made use of architectural design practices that led to a 25% less initial load-time and quicker screen navigation.

ASSOCIATE SOFTWARE ENGINEER   **07/2018 – 01/2021**

BENTLEY SYSTEMS, ISLAMABAD, PAKISTAN

Components Center: (TypeScript, ReactJS, .NET, Azure Blob Storage, Jest, Selenium, Git)
- Developed features and fixed bugs for Bentley's Catalog Management System using TypeScript on a React front-end and .NET backend.
- Assessed feature requirements for key customers, including Shell and Mott MacDonald.
- Utilized Azure Blob Storage for database management and Azure DevOps for build and release management.
- Managed repository and sprint backlog using VSTS and Git for version control.
- Implemented localization for multi-language support on the website.
- Conducted unit tests using Jest and UI integration tests using Selenium.

Schema Management Service: (TypeScript, ExpressJS, Node, Azure Blob Storage, Mocha, NUnit, Git)
- Developed a Node-based service using TypeScript and managed the database with Azure Blob Storage.
- Served as the Security Lead, ensuring compliance with OWASP Top 10 and Bentley's security standards.
- Created Mocha-based unit and integration tests, and developed load tests using JMeter for performance assessment.
- Managed the sprint backlog with VSTS and built release pipelines using Azure DevOps and YAML.