Hafiz Adnan Iqbal Khan

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Professional Summary

- **Senior Software Engineer** having more than **5** years of overall experience on **React as Frontend** and **Express.js as Backend** development.
- Excellent Technical experience in Requirement Analysis, Design, Implementation, Maintenance and Troubleshooting.
- Hands on experience of industry leading technologies like **Next.js**, and React Native**,** Angular.
- Expertise in a range of programming languages, including JavaScript, TypeScript, Python, and Go-lang
- Expertise in both SQL and NoSQL databases, including Postgres, MySQL, MongoDB, Firebase, and Elasticsearch.
- Working capacity
    - Web Developer/ Software Engineer / Full Stack Developer
- Well-versed in DevOps practices, particularly within AWS, GCP, and Firebase environments.
- Recognized for problem-solving skills and the ability to optimize software solutions.
- Possesses a   strategic and analytical mindset, contributing to effective software development and project management.

Technologies & Skill

Languages/Tools/Technologies: JavaScript, Typescript, React js, Next js, Express js. Node js, Angular, HTML5, CSS3 SCSS, React Native, Java, Python, Go-Lang, PHP

Testing: jest, selenium

Version Control: Git

Operating Systems: Windows, Linux (Ubuntu), Mac OS
Cloud: Firebase (Hosting, Realtime database, Firestore, Cloud Storage, Cloud Messaging), AWS (ECS, EC2, EBS, Fargate), GCP (Cloud Functions)
Databases: PostgreSQL, Firebase, MongoDB, MySQL, SQLite, Elasticsearch

Professional Experience:

Systems Ltd.
Consultant Development
Jun 2023 – Present
Responsibilities:

- Developed diverse web applications suiting different business domains.
- Created complex solutions to fit client and business requirements.

Environment: Visual Studio Code, React, JavaScript, HTML, CSS, AJAX, JSON, Chakra UI, Kendo UI, Progressive web app.

Applications:

Application: (Vineyard Vines)
- Developed user interfaces for a Salesforce PWA (Progressive Web App) using React.
- Implemented Salesforce Commerce Cloud backend API integrations to retrieve and manipulate data.
- Incorporated third-party plugins to enhance application functionality.

Environment: React js, Salesforce PWA kit, CakraUI, Figma, Visual Studio Code, Git

Application: (Pakistan Single Window - Port Community System)

- Leveraged React development expertise to contribute significantly to the project's front-end.
- Developed custom, interactive, and user-friendly React components using the Kendo UI library, enhancing the user interface.
- Translated Figma design concepts into pixel-perfect, functional front-end pages, ensuring adherence to design specifications.
- Integrated backend APIs seamlessly into the front-end, enabling robust data communication and dynamic content rendering for a cohesive user experience.

Environment: React js, Kendo UI, Figma, Visual Studio Code, Git

Dnnae Ltd (Qlu.ai)
Full Stack Engineer
Sep 2022 – May 2023

Responsibilities:

- Played a pivotal role in maintaining and enhancing the codebase of the AI-based recruitment system "Qlu.ai," demonstrating proficiency in React, Express, and PostgreSQL to ensure optimal system performance.

- Developed a Chrome Extension for "Qlu.ai" using React.js, extending the product's functionality and providing users with enhanced features and ease of access.
- Showcased versatility by creating a prototype backend in Go-lang (Gin),   expanding technology stack expertise to meet specific project needs.
- Established and implemented an automated testing workflow using Selenium, ensuring robust code quality and minimizing potential bugs in the system.
- Developed a secure authentication module for the next version of "Qlu.ai" using Next.js, Express.js, PostgreSQL, and AWS Cognito, ensuring data protection and user access control.
- Successfully integrated third-party APIs like SendGrid to facilitate custom email communications, enhancing user engagement and communication capabilities.
- Took charge of backend deployments on AWS ECS using Docker, streamlining deployment processes and ensuring scalability and reliability.
- Led the deployment of the Frontend on Firebase Hosting, ensuring the availability and performance of the user interface.
- Orchestrated the deployment of Elasticsearch and Kibana on AWS EC2 and EBS using Docker Compose, optimizing search functionality and system monitoring capabilities.

Environment: React js, Next.js, Express.js, Go-lang (Gin framework), PostgreSQL, DevOps (Docker, AWS, Firebase), Selenium, Elasticsearch & Kibana, SendGrid, Visual Studio Code, Git

Freelancing
React Native Developer
Jul. 2019 – Sep 2022

Responsibilities:

- Developed a versatile hybrid mobile application to streamline and manage the house construction process, demonstrating proficiency in cross-platform development with React Native.
- Designed, coded, and optimized the app, delivering an intuitive user interface and seamless user experiences across iOS and Android platforms.
- Implemented robust user authentication features using Firebase Authentication, ensuring secure access and data protection for users of the app.
- Leveraged Android SDK to build Android APKs from React Native code, allowing efficient distribution and installation of the app on Android devices.
- Created and maintained a scalable backend for the app using Firebase as a Backend-as-a-Service (BaaS), facilitating data storage, real-time synchronization, and efficient data management.

- Collaborated closely with stakeholders to gather requirements, refine app features, and ensure alignment with project objectives.

Environment: React Native, Android SDK, Firebase, Visual Studio Code, Git

Locopixel Pvt Ltd
Software Developer
Jul 2019 – Aug 2019

Responsibilities:

- Developed and maintained a trucking management application using the MEAN stack (MongoDB, Express.js, Angular, Node.js).
- Built a robust backend using Node.js and Express.js for data processing and API functionalities.
- Established a scalable database using MongoDB for efficient data storage and retrieval.
- Implemented a user-friendly front-end interface with Angular, ensuring a seamless user experience.
- Enhanced the application with real-time notifications by integrating Firebase Cloud Messaging (FCM).

Environment: MEAN Stack, Firebase, Firebase Cloud Messaging (Push notification service) Visual Studio Code, Git

Kindred
Co-Founder
Jan 2018 – Mar 2019

Responsibilities:

- Designed and developed a feature-rich delivery application for Android using Java, showcasing strong proficiency in Android app development.
- Created a robust backend for the app using Firebase as a Backend-as-a-Service (BaaS), ensuring data storage, synchronization, and real-time updates for seamless user experiences.
- Implemented secure user authentication using Firebase Authentication, enhancing the app's security and user privacy.
- Developed a user-friendly chat module within the app, facilitating seamless communication between users and service providers, enhancing user engagement and satisfaction.
- Integrated the Google Maps API to provide efficient navigation features, allowing users to track deliveries and service providers to optimize routes for timely deliveries.

- Successfully published the Android app on the Google Play Store, overseeing the entire app submission process, including testing, optimizing app performance, and creating compelling app listings.

Vision X,
Intern
Jul 2017 – Aug 2017

Responsibilities:

- Collaborated on cutting-edge Machine Learning research projects, leveraging Python and scikit-learn to develop intelligent solutions.
- Demonstrated expertise in machine learning algorithms, data preprocessing, model selection, and evaluation to deliver impactful results.
- Spearheaded the implementation of a research paper on Table Segmentation, showcasing a deep understanding of academic literature and practical application in real-world projects.
- Effectively communicated complex technical concepts to cross-functional teams, fostering collaboration and ensuring alignment with project objectives.
- Contributed to the continuous improvement of ML models by fine-tuning hyperparameters, optimizing feature selection, and enhancing model interpretability.

Education

Bachelor's in software engineering (2019), SEECS NUST, Islamabad, Pakistan