

ZOHAIB KHALIQ

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EXPERIENCE

Senior Software Developer, vMOX

2020 — Present

- Conceptualized and led the end-to-end creation of a self-pay feature utilizing Authorize.net, enabling seamless credit card payments for users. This strategic move countered competition in the cellular enterprise market and attracted two new enterprise customers.
- Architected and deployed an order bundling feature for a mobile e-commerce platform, enhancing the UX through role-based product access. This innovation optimized order accuracy and contributed to substantial revenue growth by simplifying multi-product purchases.
- Independently developed a real-time chat feature using AWS Connect, elevating customer engagement and support. This enabled real-time communication with staff during ordering, yielding a 5% increase in per-customer contract revenue.
- Improved application maintainability and performance by 10% through comprehensive unit testing and n+1 query optimizations. Authored in-depth documentation for new features, accelerating the onboarding process for 4 new developers.

Technologies: Ruby on Rails, Coldfusion, React, AWS, Javascript, TypeScript, MSSQL

Software Engineer, Bitrax

2019 — Present

- Engineered a robust Android application using Java and Kotlin, streamlining employee time tracking, task assignments, feedback surveys, and real-time location monitoring for managerial and mobile workforce use.
- Designed automated workflows with Google Firebase Cloud Functions to auto-generate daily tasks for employees and introduced a geolocation-based alert system. This innovation increased productivity and operational efficiency by enabling real-time management of employee inactivity.

Technologies: Java, Kotlin, Firebase, Google Cloud Functions

Android Developer, Ideofuzion

2017 — 2019

- Refactored and enhanced legacy Android applications, incorporating new features and resolving bugs to significantly improve long-term sustainability and performance.
- Leveraged SQLite to optimize data storage and retrieval in e-commerce apps, resulting in a more responsive and seamless user experience.
- Successfully integrated social media logins (Facebook, Google, Twitter) into 7+ Android applications, leading to a 20% increase in user engagement and accessibility.

Technologies: Java, Kotlin, SQLite

PROJECTS

UMLChart

[live](#) | [github](#)

Developed UMLChart, a wireframe drawing tool designed to facilitate top-level system visualization through dynamic shapes.

- Engineered a highly interactive front-end using Paper.js, and implemented drag-and-drop capabilities via JavaScript event listeners, enhancing user engagement and functionality.

Technologies: Javascript, Paper.js, Webpack, HTML5, Sass

FriendsFlix

[live](#) | [github](#)

Created FriendsFlix, a pixel-perfect clone of Netflix, equipped with features like media streaming, title searching, and personalized media lists.

- Utilized the Rails MVC framework and Active Record ORM to seamlessly map PostgreSQL database queries to Ruby objects, enabling efficient HTTP request manipulation. Implemented debouncing techniques to optimize backend query performance, reducing extraneous and resource-intensive HTTP requests.

Technologies: React / Redux, Ruby, Rails Framework, HTML5, Sass, Webpack

EDUCATION

International Islamic University, Pakistan - BS Software Engineering

2016

AppAcademy, New York, NY

2020