Zohaib Khaliq
(Software Engineer)

Pennsylvania, PA   551-246-9919   khaliqzohaib92@gmail.com | Portfolio LinkedIn Github

SKILLS: Cold Fusion, javaScript, React, Redux, HTML, CSS, Ruby on Rails, Mongoose, MongoDB, Node.js, SQL, PostgreSQL, Sequelize, IndexedDb, Webpack, jQuery, Git, Heroku, AWS S3, Google Firebase, Google Maps

EXPERIENCE

Software Developer, vMOX
Pennsylvania, PA - Remote   Oct 2020- Present
- Develop application features using Cold fusion, Ruby, Javascript and SQL Server.
- Collaborate with internal teams, including graphic design, web design and QA testers.
- Write reusable unit test documents to ensure quality control and identify bugs.

Software Engineer, Freelance
Pennsylvania, PA   Sep 2019 - Present
- Leading and working on the android version of real-time location and productivity tracking app

IT Assistant
Senate Secretariat Parliament House Islamabad, Pakistan   Mar 2018 - Sep 2019
- Formulated Excel sheets, Excel graphs, and other documents as requested by authorities.
- Identified inefficiencies in the database management system and collaborated with the dev team to refactor procedures, improving scalability and database entry efficiency.

Android Developer
Ideofuzion, Pakistan   Mar 2017 - Mar 2018
- Refactored existing Android apps with new features and bug fixes to improve the sustainability of the application.
- Implemented SQLite to have a smooth user experience in e-commerce applications.
- Integrated Facebook, Google, and Twitter login features for 7+ Android applications increased usability by 20%.

PROJECTS

FriendsFlix | *(React / Redux, Ruby, Rails Framework, HTML5, Sass, Webpack)*   **live** | **github**
A pixel-perfect replica of Netflix that allows users to stream media, search titles, and save media to a personalized list.
- Incorporated a smoothly transitioning scroll by creating a JavaScript function that utilizes screen measurement and thumbnail width in a dynamic mathematical formula.
- Used Rails MVC and Active Record ORM to map the results of PostgreSQL database queries into Ruby objects for HTTP request manipulation.
- Leveraged debouncing on a search by triggering an ajax call only when the user stops typing to improve the efficiency of backend queries by eliminating extraneous and expensive HTTP requests.

UMLChart | *(Javascript, Paper.js, Webpack, HTML5, Sass)*   **live** | **github**
UMLChart is a wireframe drawing tool that allows users to realize the top-level views of systems by using dynamic shapes.
- Created functionality that allows users to select, modify different shapes, save and edit their projects by integrating Paper.js with JavaScript on the front-end.
- Constructed custom shapes that re-render seamlessly by utilizing Paper.js classes and implemented JavaScript event listeners for user interaction, and drag and drop functionality for shape manipulation.
- Addressed drawing similar shapes by making small and reusable functions to keep code DRY.

GetSet | *(React / Redux, Resemble.js, Node.js, MongoDB, Express.js, AWS S3, HTML5, Sass)*   **live** | **github**
GetSet is a photo comparison game that allows users to create and match photo collections.
- Created a scoring mechanism using Resemble.js API, which scores user submissions instantly.
- Connected AWS S3 using Node to incorporate image upload, reducing server load, and improving scalability.
- Implemented user auth with JWT-token that is sent with an axios request and verified server-side with Passport middleware.

EDUCATION

International Islamic University, Pakistan - *BS Software Engineering* 2016
AppAcademy, New York, NY - *Highly selective Full Stack development program with a 3% acceptance rate,* 2020