

New York, NY 551-246-9919 [khaliqzohaib92@gmail.com](mailto:khaliqzohaib92@gmail.com) | [Portfolio](#) [LinkedIn](#) [Github](#) | Green card holder

**SKILLS:** JavaScript, React, Redux, React-Native, Java, Android, HTML, CSS, Sass, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Sequelize, IndexedDb, Webpack, jQuery, Git, Heroku, AWS S3, Google Firebase, Google Maps

## EXPERIENCE

### Software Engineer, Freelance

New York, NY

Sep 2019 - Present

- Current work includes application maintenance (debugging and optimizing React/Rails-based app) at Tutoria (volunteer), android-based geo-time and productivity tracking app (contract), and React Native prototype/proof of concept (contract)

### IT Assistant

Senate Secretariat Parliament House Islamabad, Pakistan

Mar 2018 - Sep 2019

- Updated employee promotions, disciplinary action, holidays, and sick leave in management system on daily basis.
- 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 application.
- Developed a **pixel perfect** app in **XML** from scratch that allows users to chat and share bitcoins in real-time.
- Implemented **SQLite** to have 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** in order 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 and modify different shapes and 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 in order 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