Zohaib Khaliq

(Software Engineer)

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SKILLS

JavaScript, React, Redux, HTML, CSS, Sass, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, AWS S3, Java, Android, Google Firebase, Google Maps, Google Play Console, Google Admob

EXPERIENCE

IT Assistant

Senate Secretariat Parliament House Islamabad, Pakistan   Mar 2018 - Sep 2019

- Updated employee promotions, disciplinary action, holidays, and sick leave in the management system on a daily basis.
- Prepared excel sheets, charts, graphs, and other documents as requested by authorities.
- Tested employee's management system and communicated with the development team to improve its scalability and reliability.

Android Developer

Ideofuzion, Pakistan   Mar 2017 - Dec 2018

- Refactored existing android application 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 more than 7 android applications, which increased apps usability by 20%.
- Tested applications prior to the final review to ensure efficient issue resolution.
- Participated in fast-paced development cycles; completed 100% of deadlines ahead of schedule.
- Worked effectively with designer and back end developer to create software solutions that elevated client-side experience and significantly improved overall functionality and performance

PROJECTS

FriendsFlix | *(React / Redux, Ruby, Rails Framework, HTML5, Scss, Webpack)*   **live** | **github**

An almost pixel-perfect replica of Netflix, which offers streaming and categorization of movies/tv shows.

- Incorporated basic JavaScript, measuring screen, and thumbnail width to create a scrolling logic with smooth transitions.
- Used Rails MVC employing Active Record ORM to map results of database queries onto Ruby objects to be manipulated while forming a response to the HTTP request.
- Leveraged debounce to trigger ajax call when the user stops typing, which improves the performance of the application.
- Optimized database query, using Active Record best practices to retrieve genres and categories while retrieving videos, avoiding the N+1 query.

UMLChart | *(Javascript, Paper.js, Webpack, HTML5, Scss)*   **live** | **github**

UMLChart is a drawing tool that allows users to represent a top-level view of the system.

- Integrated paper.js with JavaScript helping users to select and modify different shapes, also allowing them to save and edit their projects.
- Constructed custom shapes that re-render seamlessly with user interaction.
- Utilized custom modal to enable text editing which is currently not supported by paper.js.
- Focused on making small and reusable functions to draw similar shapes in order to keep code DRY.

GetSet | *(React/Redux, Node.js, MongoDB, Express.js, AWS S3, HTML5, Scss)*   **live** | **github**

GetSet is a photo comparison scavenger hunting game that allows users to have fun completing photo challenges.

- Built image comparison feature allowing users to see their match score by integrating Resemble.js.
- Connected AWS S3 using Node to incorporate the image uploading feature, which reduced server load and improves app scalability.
- Implemented user authentication with JWT-token that is sent with each request in axois header and used Passport middleware to verify the token's authenticity at the server-side.

Bitrax | *(Android, XML, Google Firebase)*   **live**
- Utilized project management skills to craft a No-SQL database structure that allowed the application to scale gracefully.
- Integrated Google Maps APIs with live location updates to track the employees continuously during their working hours.
- Allowed companies to track employees' daily job completion rate to decisions, that results improve their daily productivity.
- Utilized Firebase database query methods to fetch the required data by improving app performance by 40%.

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