

Mazin Abubeker

Software Engineer

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OBJECTIVE

Passionate and experienced software engineer with a solid background in full-stack web development, particularly with vanilla JavaScript, and libraries such as React.js and Vue.js. Seeking a challenging role to contribute to impactful projects, utilizing and expanding my skillset.

SKILLS

Specialize in: Vanilla JavaScript, React, Vue, HTML/CSS

Competencies: Java, Apache Groovy, C#/C++, Node.js, Express.js

WORK EXPERIENCE

Full Stack Software Engineer / OneValley – San Mateo, CA

January 2021 - Present

- Building a virtual startup accelerator with modern technologies such as Vue.js and Spring Boot, a successor to the legacy startup platform that we developed using vanilla HTML/CSS/JS and Apache Groovy.
- Closely collaborating with the front-end team to build robust and reusable components, and collaborating with the back-end team to seamlessly integrate our APIs, as well as communicate our changing data model requirements and expectations.
- Implemented and continuously enhancing a comprehensive ETL analytics pipeline, leveraging Azure Data Factory and JavaScript user behavior tracking libraries. Our transformed data is stored into a data lake, and visualized by PowerBI. This pipeline enables the creation of platform-specific analytics dashboards for platform admins, capturing various user actions including front-end behavior and platform interaction.

Software Engineering Intern / OneValley – San Mateo, CA

Summer 2019 & Summer 2020

- Developed end-to-end content and user management systems for startup accelerators, including an entrepreneur mentorship platform for King Saud University and a coworking platform for Biolabs, a biotech innovation center. Utilized HTML/CSS/JS with Velocity templates for both projects.
- Used Apache Groovy to create RESTful API endpoints to act as a service for our virtual accelerator platform. Integrated several external libraries and APIs such as Acuity and Intercom for scheduling, and Segment along with Fullstory for user behavior tracking.
- Collaborated closely with OneValley's engineering team adopting an agile scrum methodology. Established a continuous line of communication with our clients through weekly progress syncs.

PROJECTS

Blockchain Wheel of Fortune

September 2022

- Created a casino-style game with React.js that uses cryptocurrency on the Ethereum blockchain. Users are authenticated through their MetaMask wallet, and in a single round can choose to bet any amount into the pot. A wheel will visually react to the bets to represent your bet as a ratio of the remainder of the pot.
- I deployed a Solidity contract to act as the back-end architecture for this game, taking bets for each round, and distributing the pot to the winner's wallet. A Verifiable Random Function is used for winner selection.

Spotify Clone with Stream Synchronization

June 2020

- Enhanced Spotify with multi-user music synchronization, and added seed-based playlist generation capabilities using the Spotify Web API and Web Playback SDK.
- Utilized React.js for the front-end, and Node.js, Express.js, and Socket.IO to create a dynamic back-end architecture. Authorized the app through an external Spotify login using OAuth 2.0 standards.