Mazin Abubeker
Full Stack Engineer

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EDUCATION

B.S. in Computer Science - University of California, San Diego

SKILLS

Frontend Skills: JavaScript (ES6+), TypeScript, React, Vue.js, Angular, React Native, HTML5/CSS, Three.js, p5.js

Backend Skills: Java, SQL, Python, Spring Boot, Node.js, Apache Groovy, C#, C++

MOTIVATION

I'm passionate about creating helpful SaaS solutions that focus on solving common developer problems. I'm currently working on an AI-powered desktop file workflow application in Electron/Node and React.

WORK EXPERIENCE

Software Engineer - *eBrevia* | May 2024 - Present

- Spearheaded the development of eBrevia's latest flagship product DraftPro, a Microsoft Word plugin designed to help users draft contracts and access AI-powered insights directly within the Word environment
- Designed and implemented seamless integration with eBrevia cloud, enabling multi-device contract management by creating new **Spring Boot** endpoints and augmenting the **Angular frontend**
- Developed an efficient document clustering algorithm using Locality Sensitive Hashing (LSH) capable of clustering **10,000+** document projects rapidly. Created a UI to allow users to compare inter-cluster documents.

Founding Software Engineer - *OneValley* | January 2021 - May 2024

- Developed a multi-tenant SaaS virtual startup accelerator (Vue.js/Spring Boot) that **loads 200% faster** than our legacy Confluence Server platform
- Created visually engaging, responsive and accessible UI components (Vue.JS/SASS), resulting in **over a 60% average increase in user page retention** compared to our legacy platform
- Architected and implemented an Extract, Load, Transform (ELT) analytics system using auto-track libraries and a Redis cache, **capturing 1,000+ user behavior data points daily**, enabling data-driven product improvements
- Led the development of three white-labeled digital accelerators responsible for **managing over 80,000 users**, using vanilla JavaScript/HTML/CSS for the front-end and Java Apache Groovy for the respective application layers
- Collaborated daily with product and business development to align product expectations and to manage deadlines

Software Engineering Intern - *OneValley* | June - October 2019 & June - September 2020

- Developed two end-to-end virtual accelerator platforms that enabled a university and a biotech innovation center to manage their ecosystem of startups. Met weekly with the primary clients to show progress, and discuss upcoming requirements
- Used HTML/CSS/JavaScript and Velocity templating for the front-end, and Apache Groovy to implement a RESTful API to handle CRUD operations, cron jobs, and API integrations

PROJECTS

Preserve.js | March 2024 - June 2024   *https://preservejs.vercel.app*

- Developed and released an open-source JavaScript library designed to persist and rehydrate form data, mitigating the risk of data loss due to accidental redirects or API errors
- Designed a landing page to showcase the library's functionality and provide CDN installation instructions

Therasonic | January 2024 - March 2024   *https://therasonic.vercel.app*

- Built a mood-based playlist generation app (**Vue.js/SASS**) that recommends music based on your personal preferences within the Spotify ecosystem using the Spotify Web & Recommendation API