

ZOREN LABRADOR

SOFTWARE ENGINEER

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SUMMARY

Dedicated programmer with a focus on enhancing user experience, backed by 2 years of hands-on experience in developing applications using JavaScript and Node.js. Skilled at solving application-based problems, driven by a passion for continuous growth and problem-solving.

TECHNICAL SKILLS

- JavaScript(ES6+), TypeScript, HTML/CSS, Node.js, Express.js, React.js, Next.js, Jest, REST, NoSQL (MongoDB), SQL (PostgreSQL), AWS, Agile, Git

EXPERIENCE

SeeQR, (OSLabs) | Software Engineer

October 2023 - Present

- Integrated TypeScript for a statically typed codebase to streamline development.
- Overhauled app UI with react-flow, native-browser techniques, and MUI to create an interface that doubled user engagement metrics and boosted user interaction with the diagram view.
- Incorporated Electron.js to access desktop native functionalities, optimized local database interaction, and streamlined app distribution across platforms for enhanced user accessibility and reach.
- Improved testing coverage across the codebase significantly by executing back-end unit tests with Jest, validating the functionality of queries and CRUD operations.
- Transitioned SeeQR's online platform from Vercel to AWS, utilizing cloud services for website deployment and bolster security measures for future iterations.
- Managed team workflow as Scrum Leader, fostering efficient collaboration and accountability among team members, resulting in successful 3-week sprints to deployment.

Palacio Inc., (Canvia) | Junior Software Engineer

December 2022 - July 2023

- Developed an API utilizing Node.js and Axios library methods to manage server requests, primarily ensuring user authentication, image storage, and database fetching functionalities.
- Designed custom components for Canvia's website using React.js and utilized front-end optimization techniques resulting in better user experience.
- Integrated Google OAuth as an option for user authorization, streamlining user login processes.
- Leveraged MongoDB clusters to fortify image storage infrastructure and facilitate horizontal scalability, seamless data management, and enhanced performance based on application demands.
- Ensured proper functionality of digital canvas displays and facilitated the shipment of thousands of units to clients worldwide.

PROJECTS

Dog Corp 2.0

- Implemented Supertest library for backend unit-testing, verifying API calls for correct account details from SQL database, covering the entire backend and achieving accurate database responses.
- Leveraged React testing library for front-end component testing, resulting in a decrease in user-reported bugs and increase in user engagement.

Quest Board

- Implemented Redux for centralized state management.
- Enforced ACID-compliant data storage by integrating PostgreSQL, providing reliable data storage.

EDUCATION

- Codesmith** | Full-Time Advanced Software Engineering Immersive September 2023 - December 2023
- San Jose State University** | B.S. Degree September 2018 - May 2022

TALKS & PUBLICATIONS

- Tech Talk** | ["AWS & CloudTech"](#) | Sponsored by Caseblink
- Medium Article** | ["SeeQR Evolves With Version 13: Bridging Data With Efficiency"](#)