

ZOREN LABRADOR

SOFTWARE ENGINEER

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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

May 2023 - Present

- Incorporated TypeScript interfaces and types to enhance the codebase's dependability and facilitate seamless cross-team code integration, ensuring long-term stability and scalability.
- 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.
- Integrated Electron.js to access desktop native functionalities, optimized local database interaction, and streamlined app distribution across platforms for enhanced user accessibility and reach.
- Conducted back-end unit tests using Jest to ensure queries and CRUD functionality are working as intended which led to a 25% increase in testing coverage of the entire codebase.
- Transitioned SeeQR's website deployment from Vercel to AWS to utilize AWS Elastic Beanstalk and IAM for app scalability and security 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

January 2023 - July 2023

- Engineered an API interface using Node.js and Axios library methods to facilitate user authentication, image storage, and rendering onto digital canvases.
- Designed custom website components for Canvia.art using React.js and utilized lazy loading for faster image load times resulting in better user experience.
- Utilized MongoDB clusters for efficient storage of images and horizontal scalability.
- Ensured digital canvases are functioning properly displaying art and successfully shipping out thousands of units.

PROJECTS

Quest Board

- Designed a user interface for scrum board task management using React, leveraging a set of highly customizable and reusable components to enhance UI development efficiency.
- Employed Redux for centralized state management, enhancing development efficiency and facilitating streamlined future development.
- Enforced ACID-compliant data storage by integrating PostgreSQL, providing reliable data storage for user accounts and task information.

Doggo Corp 2.0

- Deployed Supertest library for backend 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.

EDUCATION

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

TALKS & PUBLICATIONS

- Tech Talk** | ["AWS & CloudTech"](#) | Sponsored by Caseblink September 2023
- Medium Article** | ["SeeQR Evolves With Version 13: Bridging Data With Efficiency"](#) February 2024

HOBBIES & INTERESTS

- Open Source, PC & Keyboard Building, Competitive Powerlifting, Health & Fitness, Thrifting, Fashion, Foodie