ZOREN LABRADOR
SOFTWARE ENGINEER

zalabrador@gmail.com | linkedin.com/in/zorenlabrador/ | github.com/zorenal | zordevport.vercel.app

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
- 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.
- Incorporated Electron.js to access desktop native functionalities, optimized local database interaction, and streamlined app distribution across platforms for enhanced user accessibility and reach.
- Executed 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 - June 2023
- Developed 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 front-end optimization techniques resulting in better user experience.
- Utilized MongoDB clusters to optimize image storage, ensuring efficiency and horizontal scalability.
- Ensured proper functionality of digital canvas displays and facilitated the shipment of thousands of units to clients worldwide.

PROJECTS

Quest Board
- Employed Redux for centralized state management, improving 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
- 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.

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"

HOBBIES & INTERESTS

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