

VICTOR MARKS

SOFTWARE ENGINEER



ABOUT

📍 SEATTLE, WA
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📞 408-507-2347

FRONT-END

REACT
TYPESCRIPT
JAVASCRIPT (ES6+)
NEXT.JS
HTML
CSS/SASS
REDUX
CONTEXT API
PERFORMANCE OPTIMIZATION
VITE
VITEST
REACT TESTING LIBRARY
PLAYWRIGHT

BACK-END

NODE.JS
EXPRESS
POSTGRES
REST API DESIGN
AUTHENTICATION/AUTHORIZATION

CLOUD & DEVOPS

AWS
ORACLE CLOUD
INFRASTRUCTURE (OCI)
DOCKER
TERRAFORM
CI/CD PIPELINES
GRAFANA
ADOBE ANALYTICS

SUMMARY

Experienced Software Engineer with a strong background in front-end development, cloud infrastructure, and full-stack applications. Proven track record of delivering scalable solutions that improve user experience and reduce operational costs.

EXPERIENCE

SOFTWARE ENGINEER

01/2020 - 07/2024

- Led development of a two-way ticketing system using Oracle's internal React framework, streamlining communication between cloud customers and security engineers and reducing cumulative response times by 2.5 days
- Bootstrapped the Data Loss Prevention front-end from the ground up, building reusable React components, implementing client-side validation, and integrating with secure APIs to assess risk, classify results, and recommend actions for securely handling customer-uploaded object storage data
- Redesigned the container instance shape picker UI by expanding available shape options by 50% and enabling dynamic CPU core and memory customization, resulting in a 30% reduction in user configuration time for thousands of container deployments each month
- Implemented front-end support for private registry vault secrets and Linux security contexts in containerized workloads, strengthening the security posture of Oracle's Container Instances
- Delivered autoscaling, load balancing, and observability for Oracle Kubernetes Engine, integrating node cycling, automatic version upgrades, Istio, ingress controller, and dashboards - saving customers over \$1M annually in over-provisioning costs

11/2018 - 12/2018

SOFTWARE ENGINEER INTERN

- Rebuilt cosmetic e-commerce platform using Gatsby and GraphQL, improving SEO scores by 25% and reducing page load time from 2.7s to 1.3s via static site generation and CDN caching
- Visualized sales data with dynamic SVGs of the United States and reduced build time by 80% through Webpack config optimization
- Integrated real-time chat and content management tools using GraphQL and third-party APIs

03/2014 - 02/2017

SOFTWARE TECHNICIAN

- Trained 12+ staff in 3D modeling tools and QA best practices, reducing onboarding time for new hires by 50% and improving model accuracy in surgical planning software
- Validated software for 3D dental guides, ensuring precision in dental implant surgery planning

EDUCATION

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

01/2009 - 01/2013

B.S. MOLECULAR BIOLOGY