

Victor Marks

Software Engineer

Seattle, WA (US)

✉ vjmarks@gmail.com 📞 408-507-2347

🌐 <https://www.linkedin.com>

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.

SKILLS

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,
PostgreSQL,
REST API Design,
Authentication/Authorization

Cloud & DevOps

AWS,
Oracle Cloud Infrastructure (OCI),
Docker, Terraform,
CI/CD pipelines, Grafana,
Adobe Analytics

WORK EXPERIENCE

Jan 2020 - Jul 2024

Software Engineer at

📍 **Seattle, WA**

- 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

Nov 2018 - Dec 2018

Software Engineer Intern at

📍 **San Francisco, CA**

- 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

Mar 2014 - Feb 2017

Software Technician at

📍 **San Jose, CA**

- 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

2009 - 2013

B.S. Molecular Biology at University of California, Santa Cruz