

# Victor Marks

## Software Engineer

Seattle, WA • Phone: 408-507-2347 • Email: [vjmarks@gmail.com](mailto:vjmarks@gmail.com)  
[LinkedIn](#)

### 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.

### EDUCATION

#### University of California, Santa Cruz

2009 — 2013

*B.S. (Molecular Biology)*

### EXPERIENCE

#### Software Engineer - *Oracle*, Seattle, WA

2020-01 — 2024-07

- 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

#### Software Engineer Intern - *Faneron*, San Francisco, CA

2018-11 — 2018-12

- 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

#### Software Technician - *Anatomage*, San Jose, CA

2014-03 — 2017-02

- 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

### 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