

Victor Marks, Software Engineer

vjmarks@gmail.com | 408-507-2347 | Seattle, WA, US
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.	
EXPERIENCE	, Software Engineer	2020-01 — 2024-07
	<ul style="list-style-type: none">o 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 dayso 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 datao 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 montho Implemented front-end support for private registry vault secrets and Linux security contexts in containerized workloads, strengthening the security posture of Oracle's Container Instanceso 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	2018-11 — 2018-12
	<ul style="list-style-type: none">o 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 cachingo Visualized sales data with dynamic SVGs of the United States and reduced build time by 80% through Webpack config optimizationo Integrated real-time chat and content management tools using GraphQL and third-party APIs	
	, Software Technician	2014-03 — 2017-02
	<ul style="list-style-type: none">o 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 softwareo Validated software for 3D dental guides, ensuring precision in dental implant surgery planning	
EDUCATION	University of California, Santa Cruz B.S. - Molecular Biology	2009 — 2013
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	