VICTOR MARKS
SOFTWARE ENGINEER

👤 ABOUT

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.

💼 WORK EXPERIENCE

Oracle   Seattle, WA
January 2020 – July 2024

Software Engineer

Highlights

◁ 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

Faneron   San Francisco, CA
November 2018 – December 2018

Software Engineer Intern

Highlights

◁ 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

Anatomage   San Jose, CA
March 2014 – February 2017

Software Technician

Highlights

◁ Trained 12+ staff in 3D modeling tools and QA best practices, reducing onboarding

◎ CONTACT

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in **LinkedIn**
https://www.linkedin.com

🏛 EDUCATION

2009
2013

University of California, Santa Cruz

🎓 B.S.

Molecular Biology

☰ 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**

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