Victor Marks

Software Engineer

CONTACT

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Phone	408-507-2347

LOCATION

Region	WA

PROFESSIONAL SKILLS SUMMARY

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

2020-01 TO 2024-07

Software Engineer:

- 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

2018-11 TO 2018-12

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

2014-03 TO 2017-02

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

2009 TO 2013

University of California, Santa Cruz

- B.S.: *Molecular Biology*