

# VICTOR RAGOJOS

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## Technical Skills

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- Languages: Go, JavaScript/TypeScript, Swift, PHP, Lua, Java
- Frontend: React.js, Solid.js, Vue.js, Next.js, Remix.js, TailwindCSS, SCSS
- Backend & Data: Node.js, MySQL, PostgreSQL, GraphQL, MongoDB, Redis, Memcached
- DevOps & Tools: Git, Docker, Terraform, Vite, Webpack, OpenTelemetry

## Professional Experience

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### Offset Partners

Napa, CA

Software Engineer – Product Team

Jul 2019 – Oct 2024

- Spearheaded migration from Webpack to Vite, reducing build times by 200% and bundle sizes by 40%. Optimizations improved performance and accessibility for millions of users with slower connections or devices
- Orchestrated a comprehensive refactoring of the core PHP MVC framework, reducing codebase complexity by 60%. Implemented efficient database query optimizations and caching strategies, resulting in 50% faster API response times
- Architected and implemented a comprehensive Docker-based development environment, standardizing codebase across products. Eliminated environment inconsistencies, cut onboarding time by 50%, and ensured parity across local, staging, and production
- Introduced CI/CD pipelines using GitHub Actions, automating tests, deployment, and release processes. Reduced manual QA time by 80% and increase release frequency by 3x

### Napa Valley College

Napa, CA

Computer Science Tutor

Aug 2018 – May 2019

- Developed innovative methods to explain complex programming concepts, enhancing student comprehension and engagement
- Guided peers on effective study strategies for exams and projects, improving overall academic performance
- Partnered with professors to refine teaching approaches and assignments, optimizing the learning experience

## Projects

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### Offset Tent <https://tent.offsetdevops.com>

Go, GraphQL, OAuth2, MySQL, OpenTelemetry, Docker, GitHub Actions

- A workflow automation tool that synchronizes Basecamp cards/todos with GitHub issues/pull requests
- Implemented a bidirectional webhook system to enable real-time updates between Basecamp and GitHub, ensuring instant synchronization of task statuses and comments
- Leveraged OAuth2 for secure cross-platform actions
- Utilized GitHub's GraphQL API to minimize network calls and improve overall system performance
- Integrated observability using OpenTelemetry with axiom.co for real-time analytics and critical bug monitoring
- Deployed via GitHub Actions and Docker, ensuring minimal downtime during updates

### Puzzlely <https://puzzlely.io>

Typescript, React.js, Next.js, Go, OAuth2, MySQL, OpenTelemetry, Docker, Terraform, GitHub Actions

- Developed a puzzle game inspired by BBC's "Only Connect" using React.js and Next.js frontend with Go backend
- Implemented custom OAuth2 flow for secure user authentication through trusted identity providers
- Leveraged Terraform for Infrastructure as Code, provisioning and managing cloud resources including servers, load balancers, and SSL certificates
- Integrated OpenTelemetry with honeycomb.io for real-time monitoring and performance optimization
- Deployed via GitHub Actions and Docker, ensuring minimal downtime during updates