# Victor Ragojos

Experience Software Engineer

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Software engineer with 5+ years of experience building scalable web applications and optimizing development processes. Committed to technical excellence and innovative solutions, combining deep expertise with a focus on team growth and project success.

## Work Experience

## Software Engineer - Product Team

Offset Partners | Napa

- Led frontend modernization initiatives including component libraries and build tooling improvements, reducing build times by 200% and development time by 40%. Enhanced performance and accessibility for millions of users.
- Refactored core PHP framework and implemented database optimizations, reducing codebase complexity by 60% and improving API response times by 50%.
- Implemented Docker-based development environment, standardizing codebase and reducing onboarding time by 50%. Ensured consistency across local, staging, and production environments.
- Implemented CI/CD pipelines with GitHub Actions, reducing QA time by 80% and tripling release frequency.

## **Computer Science Tutor**

Napa Valley College | Napa

- 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**

#### **Offset Tent**

A workflow automation tool that seamlessly connects Basecamp with GitHub, enabling real-time task synchronization and streamlined team collaboration. Implemented monitoring and automated deployment systems for reliability.

- 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.

#### Puzzlely

A multiplayer word puzzle game inspired by NYT's Connections, featuring unlimited plays, custom puzzles, and daily challenges.

- Implemented custom OAuth2 flow for secure user authentication through trusted identity providers.
- Managed cloud infrastructure with Terraform, including server provisioning, load balancing, and SSL configuration.

## **Core Skills**

JavaScript/TypeScript, Go, Node.js, PHP, Swift, React, SolidJS, Vue, Next.js, Remix, Astro, TailwindCSS, SCSS, Vite, Webpack, GraphQL, MySQL, Postgres, MongoDB, Redis, Git, GitHub Actions, Docker, Terraform, OpenTelemetry

Jul 2019 - Oct 2024

Aug 2018 - May 2019

Jan 2024

May 2022