

Wolfgang Truong

Software Engineer

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Full-stack engineer with consulting and platform experience (Thoughtworks: Atlassian, Humana, Ritchie Bros, Gap). Strong in front-end architecture, APIs, and cloud infrastructure. In 2024 I deepened skills in AI workflow automation, cloud, and agent-style tooling, shipped small business sites, and built internal utilities. Since 2025 I have built and shipped [Makerr Space](#), a web presence product for solopreneurs and small brands. I work well on fast-moving teams, MVPs, and contract-style engagements.

Skills

Full-stack: Node.js, TypeScript, React, Next.js, Vue, Vite, Angular, HTML5, JavaScript

Databases: PostgreSQL, DynamoDB, MongoDB, SQL

Testing & delivery: TDD, unit/integration testing, Selenium, automated testing, Agile

Cloud & IaC: AWS, Azure, CloudFormation, Terraform

Performance: caching, load balancing, auto-scaling

UX: wireframing, prototyping, UI/UX design, A/B testing

DevOps: CircleCI, Jenkins, Docker, Kubernetes, CI/CD

Security: AWS IAM, HashiCorp Vault, OAuth, security best practices

Tools: Git, GitHub

Career Experience

Makerr Space (independent product) - 2025 – 2026

- Design and implement the full stack for a multi-tenant publishing product: auth flows, site configuration and content model, customer dashboards, and release automation from edit to live pages on managed subdomains.
- Implement media pipelines (client and server-side): uploads, normalization, storage integration, and delivery URLs with size and format constraints aligned to per-plan quotas and bandwidth cost controls.
- Harden the product for real users in private beta: performance profiling, error handling and observability hooks, iterative schema and API changes, and deployment practices that keep production stable while shipping frequently.

Independent Projects & Skill Development - 2024 – 2025

- Took time for personal development and worked on personal projects.
- Experimented with AI agent tooling and serverless functions to streamline personal workflows and client utilities.
- Built and deployed responsive websites for local businesses, improving page load times and SEO visibility.
- Did non tech related gig jobs.

THOUGHTWORKS (CONSULTING/ DEVELOPMENT) - 2019 – 2023

Ritchie Bros (E-Comm) - (2023)

Led front-end development initiatives by constructing responsive user account system interfaces. Collaborated with Stripe SDK/API for seamless integration of payment flows. Engineered webhook handlers to ensure real-time updates from Stripe services to improve system reliability. Utilized Kafka to facilitate efficient notification processes for downstream users. Developed and maintained payment API endpoints to ensure robust and scalable payment solutions.

Key Achievements/Contributions:

- Led front-end development initiatives to design responsive, user-friendly interfaces for user account systems.
- Integrated payment flows using Stripe API, ensuring secure and seamless payment processes.
- Utilized Kafka for event-driven architectures, optimizing notification systems for real-time updates.
- Developed and maintained APIs for payment processing and integrated them with PostgreSQL for data management.

- Optimized deployment processes using Kubernetes for scalable, reliable container orchestration.

Atlassian (Testing) - (2022)

Devised testing strategy to streamline team workflows and enhance product quality. Educated developers on testing pyramid best practices to foster culture of quality and efficiency. Optimized CI pipeline to include tests as a quality gate to ensure higher code standards.

Key Achievements/Contributions:

- Implemented vault access for developers to secure shared testing accounts and enhance security protocols.
- Implemented automated testing strategies at Atlassian, shifting organizational culture towards efficiency and future scalability through comprehensive training and strategic documentation.
- Contributed to significant reduction in manual testing hours by participating in team focused on automated testing.

Humana (Data Platform) - (2020 – 2022)

Managed infrastructure through Terraform to automate infrastructure deployment and reduce manual errors. Addressed production issues and facilitated API integration for consumers to improve service reliability. Supported Web API maintenance using message queue/service bus aimed at enhancing message processing capabilities. Conducted performance/stress testing to identify scalability solutions. Leveraged Azure services to enhance platform capabilities and efficiency.

Key Achievements/Contributions:

- Developed CI/CD pipelines to automate deployments to minimize human errors and streamline release processes.
- Constructing and maintaining various data platforms, focusing on transforming and de-identifying personal data.
- Transitioned secret management to HashiCorp Vault within AKS aimed at bolstering security infrastructure.
- Designed SDK toolkit for creating JAR files for Spark jobs in Azure Data Factory.

Gap WebApps SF (Digital Platform Service) - (2019 – 2020)

Refactor legacy code to modern standards. Engineered developer SDKs to enhance delivery infrastructure, streamlining development processes and improving efficiency.

Key Achievements/Contributions:

- Addressed and resolved critical service crashes and memory leaks to enhance system stability and performance.
- Conducted stress tests on the platform by developing reliable metrics for monitoring potential failures.

Education & Credentials

AWS Certification, Certified AWS Cloud Practitioner

Full Stack Development: Bootcamp, Bloc, San Francisco

Business Marketing, San Francisco State University

Associate of Arts in Liberal Arts: Business and Technology, College of the Desert, Palm Desert