

VIKTOR ZAVALA

Full Stack Engineer with 13+ years of experience designing and building scalable web applications and developer platforms. Passionate about modern frontend architecture, engineering excellence, and delivering software that creates lasting impact.

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PROFICIENCY

PRODUCT ENGINEERING

FRONTEND ARCHITECTURE

DEVELOPER EXPERIENCE

QUALITY ENGINEERING

CLOUD INFRASTRUCTURE

AI ENGINEERING

WORK EXPERIENCE

- SENIOR SOFTWARE ENGINEER / JWX

10/2023 – Present

 - Build and maintain internal developer tools that improve engineering workflows, testing, and productivity across multiple teams.
 - Led the migration of the end-to-end testing platform from WebDriverIO to Playwright, improving reliability, maintainability, and scalability.
 - Modernized the frontend platform by leading the migration from a legacy component library to a new design system.
 - Drive frontend architecture, technical direction, and engineering best practices while collaborating across engineering, product, and design teams.
- SOFTWARE DEVELOPMENT ENGINEER / AMAZON

02/2022 – 10/2023

 - Developed customer-facing features for the Amazon RDS Console used by AWS customers to manage relational databases.
 - Led the frontend implementation of major initiatives, including Amazon Aurora Limitless Database.
 - Collaborated with engineers, product managers, designers, and stakeholders across multiple RDS organizations to deliver large-scale projects.
 - Influenced frontend architecture and engineering best practices to build scalable, maintainable customer experiences.
- SENIOR FRONTEND ENGINEER / COOLBLUE

08/2019 – 02/2022

 - Built customer-facing features for one of the Netherlands' largest e-commerce platforms.
 - Architected and led the development of multiple internal back-office applications and CMS platforms.
 - Reduced technical debt by modernizing legacy code, removing jQuery, and improving the internal component library.
 - Partnered with platform and Design System teams to standardize frontend architecture and development practices.
- SENIOR FRONTEND ENGINEER / MODUS CREATE

02/2018 – 12/2019

 - Developed enterprise web applications for clients including Hobsons and Pfizer as an embedded member of their engineering teams.
 - Collaborated with product managers, designers, and engineers to plan and deliver new product features.
 - Integrated into client development teams while contributing to architecture, code quality, and delivery.
 - Built scalable frontend applications using modern JavaScript frameworks and engineering best practices.
- DEVELOPMENT MANAGER / ACKLEN AVENUE

04/2017 – 05/2018

 - Established the company's first engineering management function during a period of rapid growth.
 - Led and mentored a team of more than 25 software engineers, supporting career development and technical growth.
 - Designed engineering KPIs and career progression frameworks to improve team performance.
 - Scaled engineering processes while fostering a culture of collaboration and continuous improvement.
- LEAD FRONTEND ENGINEER / TRIGROW SYSTEMS

12/2016 – 12/2018

 - Architected the frontend for an IoT platform built on top of an existing backend infrastructure.
 - Established the project's CI/CD pipeline, development workflow, and engineering standards from the ground up.
 - Developed interactive dashboards for monitoring connected devices and environmental data.
 - Helped define the technical hiring process as the engineering team expanded.
- SENIOR FULL STACK ENGINEER / ACKLEN AVENUE

12/2015 – 04/2017

 - Led technical delivery across multiple healthcare-focused client projects within cross-functional teams.
 - Designed application architecture and collaborated closely with QA, Product Owners, Business Analysts, and Engagement Managers.
 - Delivered applications using Node.js, C#, .NET, Angular, and React while applying SOLID principles and Test-Driven Development.
 - Mentored junior engineers through code reviews, pair programming, and day-to-day technical leadership.
- FULL STACK ENGINEER / ACKLEN AVENUE

08/2012 – 04/2015

 - Developed web applications for a variety of client projects using modern frontend and backend technologies.
 - Applied Test-Driven Development, pair programming, and Agile methodologies to deliver reliable software.
 - Collaborated with multidisciplinary teams to deliver high-quality solutions for clients across multiple industries.
 - Built a strong engineering foundation through continuous learning, code reviews, and close mentorship from senior engineers.

ENGINEERING PRACTICES

- FRONTEND ARCHITECTURE
- FULL STACK DEVELOPMENT
- REST API DESIGN
- GRAPHQL API INTEGRATION
- SYSTEM DESIGN
- MICROFRONTENDS
- COMPONENT LIBRARY DEVELOPMENT
- DESIGN SYSTEMS
- PERFORMANCE OPTIMIZATION
- RESPONSIVE WEB DESIGN
- CROSS-BROWSER COMPATIBILITY
- PROGRESSIVE WEB APPS

QUALITY & TESTING

- END-TO-END TESTING
- UNIT TESTING
- INTEGRATION TESTING
- TEST AUTOMATION
- TEST STRATEGY
- CI/CD PIPELINES
- QUALITY ENGINEERING
- RELEASE MANAGEMENT

ENGINEERING & COLLABORATION

- AGILE / SCRUM
- TECHNICAL LEADERSHIP
- MENTORING
- STAKEHOLDER COMMUNICATION
- TECHNICAL DOCUMENTATION
- REQUIREMENTS ANALYSIS
- SOFTWARE ARCHITECTURE
- SOLID PRINCIPLES
- DESIGN PATTERNS
- DOMAIN-DRIVEN DESIGN (DDD)
- EVENT-DRIVEN ARCHITECTURE
- GIT WORKFLOWS
- AI DRIVEN DEVELOPMENT

SKILLS

LANGUAGES

- TYPESCRIPT
- JAVASCRIPT (ES6+)
- PYTHON
- SQL
- HTML5
- CSS3

FRONTEND

- REACT
- NEXT.JS
- REDUX
- TANSTACK QUERY
- TANSTACK TABLE
- TANSTACK FORM
- REACT HOOK FORM
- TAILWIND CSS
- SCSS/SASS
- VITE
- WEBPACK
- STENCIL

BACKEND

- NODE.JS
- EXPRESS
- FASTIFY
- GRAPHQL
- REST APIS
- PRISMA
- POSTGRESQL

CLOUD & DEVOPS

- AWS
- DOCKER
- GITHUB ACTIONS
- JENKINS
- GITLAB CI
- BUILDKITE

TESTING

- PLAYWRIGHT
- JEST
- CYPRESS
- WEBDRIVERIO
- MSW

AI

- OPENAI API
- ANTHROPIC API
- AI SDK
- MCP

EDUCATION

INGENIERÍA EN SISTEMAS COMPUTACIONALES
UNITEC

LANGUAGES

- SPANISH
- NATIVE
- ENGLISH
- FLUENT
- DUTCH
- BEGINNER

ONLINE

- GITHUB
- github.com/ZSnake