

Tao Zamorano

Frontend Software Engineer

London, UK | +44 7888 408175 | taozamorano@gmail.com | tao.cl | github.com/taolicus

Frontend Software Engineer with 10+ years of commercial web development experience, specialising in JavaScript, TypeScript and modern frontend frameworks including Angular and React. Experienced in production applications, maintainable architecture, API integration, automated testing and pragmatic AI-assisted development.

Technical Skills

Frontend: JavaScript, TypeScript, Angular, React, Next.js, Vue, HTML, CSS

Backend and integration: REST APIs, PHP, Laravel, MySQL, C#; Go and Server-Sent Events in independent projects

Quality and delivery: Git, GitLab, GitHub Actions, Playwright, Sentry, code review

AI-assisted engineering: Cursor; OpenCode for personal projects

Professional Experience

Mid-Level Engineer | Hyve Managed Hosting

Sep 2025 – Oct 2026 | UK

- Developed and maintained an Angular-based support ticketing system, implementing production features, fixes and improvements.
- Upgraded Angular from v19 to v21 and reduced reported npm audit vulnerabilities from over 50 to fewer than five.
- Improved frontend maintainability by reorganising related components, extracting API and business logic into services, and adopting idiomatic Angular patterns.
- Investigated production issues using Sentry; improved client-side handling of expected HTTP 400 responses to reduce unnecessary error reporting.
- Collaborated through GitLab merge requests and code reviews, incorporating feedback into production changes.
- Implemented monthly support-ticket automation with technical, support and customer experience colleagues.

Angular · TypeScript · C# · Sentry · GitLab · Playwright

Front-end Developer | M10c

Oct 2024 – Jun 2025 | UK

- Developed three web applications for Coca-Cola's international Share a Coke campaign.

React · TypeScript · Next.js · Vercel · Playwright

Developer | Archetype

Jan 2020 – Aug 2024 | UK

- Developed and maintained custom websites, infographics and interactive media for 10+ international clients.
- Worked across frontend and backend technologies, integrating APIs and building custom web experiences.
- Collaborated with international teams across more than four time zones.

PHP · WordPress / Bedrock / Sage · Laravel · Vue · React · REST APIs

Web and IoT Developer | DataFlow

Nov 2017 – Mar 2019 | Chile

- Independently designed and developed an Ionic dashboard monitoring IBM DataPower appliance security features and services, integrating an existing backend.
- Improved application navigation and data visualisation based on feedback.
- Developed the corporate website and prototyped IoT monitoring workflows using Node-RED.
- Led technical upskilling for three developers in modern JavaScript web and mobile development.

JavaScript · Ionic · Node-RED · MQTT · REST APIs

Earlier Professional Experience

Full Stack Developer | Bindex

Aug 2016 – Dec 2017 | Chile

- Maintained an investment analysis application with automated data scraping for financial return predictions.
- Managed server infrastructure, database migrations and environment configuration.

PHP · Python · CodeIgniter · Nginx · MySQL · Linux

Selected Independent Projects

Bootstrap — Agent Development Workflow

Reusable POSIX shell tooling for repository-based, AI-assisted development. Designed bounded tasks, acceptance criteria, persistent context and explicit verification; implemented SHA-256 manifest-based upgrades and project validation.

github.com/taolicus/bootstrap

Web Games — KXP, Asteroids and Komikan

Three live Go-based web games developed using AI coding agents with scoped tasks and automated checks. KXP uses Server-Sent Events, Go tests and Playwright; Asteroids uses server-side simulation and Canvas; Komikan supports configurable rules, shared rooms and concurrency tests.

kxp.pifia.net | asteroids.pifia.net | komikan.tequionet.org

Education and Professional Development

Machine Learning Bootcamp — Machine Learning Institute | UK | Jun – Jul 2025

Analyst Programmer — INACAP | Chile | 2013 – 2016

Visual Communication Design studies — UTEM | Chile | 2007 – 2009

Languages

English: Fluent | Spanish: Native