



German Solis

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SUMMARY

Frontend-focused Software Engineer with 9+ years building large-scale systems — deep React and microfrontend platform work, with full-stack range across GraphQL services and production AI agents.

TOP SKILLS

React

Next.js

TypeScript

Microfrontends

GraphQL

React Testing Library

Playwright

Streaming UI

Design Systems

LangGraph

FastAPI

Spring Boot

EXPERIENCE

Senior Software Engineer · Intuit — Expert Engagement Platform (VEP) 2018 – Present

• Frontend — Microfrontend Architecture

Owned 6 AppFabric React microfrontend plugins (20+ widgets) deployed independently and composed at runtime across VEP, TurboTax Live, QBOA, and IEP shells. Introduced TypeScript, semantic-release versioning, IDS-TS design-system tokens, multi-theme support (proconnect / quickbooks / intuit), and locale i18n.

• Frontend — Embedded GenAI (GenUX)

Built vep-experiences-ux as the embedded GenAI UI layer: streaming chat reply UI with token-by-token rendering (useChatHistory / useSubmitTask), task-card pager with dismiss flows, quick-action panels, flow-automation cards with cancellation modals — all backed by per-card analytics beaconing and RUM via Web Shell.

• Frontend — Performance, Testing & Accessibility

Instrumented Real User Monitoring through @shell/lib/rum, AppDynamics, and per-widget event beaconing to track Core Web Vitals. Built test coverage with Jest + React Testing Library unit suites and Cypress / Playwright E2E across client and expert flows, plus ESLint/Prettier/Husky pipelines, accessible token-based UI primitives, and PubSub messaging between widgets to reduce coupling.

• Mentoring & Technical Leadership

Mentor junior and mid-level engineers through code review, pairing, and frontend-architecture guidance. Set the TypeScript, testing, and design-system conventions adopted across all six microfrontend plugins, and drove the migration that introduced TypeScript and semantic-release versioning to the platform.

• Agentic AI Platform

Designed and shipped production AI agents (vep-engagement-agent, servicedesign, servicedelivery, collab-agent-service) using LangGraph state machines with planner-executor pipelines, typed tool calling, multi-agent (A2A) composition, streaming SSE responses, and LLM-as-judge evaluation across coherence, hallucination, safety, intent-relevancy and voice-and-tone.

EDUCATION

B.S. Computer Science · University of Colima, Mexico · 2011



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