

# Alan R Soares

Senior product engineer building developer tools, SDKs, and the product UI around them.

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Auckland, NZ

## RELEVANT EXPERIENCE

### Product Engineer

Dec 2025 – Present



- Built the [Printr MCP server](#) and TypeScript SDK so AI clients can quote, create, and launch tokens across chains
- Worked across the Printr product surface, backend services, and launch tooling for token creation and deployment
- Shipped Memepintr, a Mastra agent that finds tokens, ranks them, and launches them through Printr
- Technologies: Bun, TypeScript, Next.js, Mastra, Solana, EVM

### Senior Frontend Engineer

Mar 2024 – Apr 2026



- Built a RAG chatbot and MCP client for Golang
- Built [SafeURL.ai](#), an asynchronous URL safety screening platform on Bun, Elysia, PostgreSQL, Redis, BullMQ, and Kubernetes
- Built the [SafeURL SDK](#), a TypeScript client for integrating SafeURL's URL safety screening API
- Implemented the fetcher and worker pipeline for SafeURL, including isolated analysis jobs, content-hash caching, domain short-circuiting, and credit refunds on cache hits
- Built and led [gno.studio](#), an offline-first IDE for the Gno ecosystem
- Built a Lit web-component design system for the Gno ecosystem
- Implemented layered code quality gates across SafeURL, including Playwright smoke coverage for the fetcher flow and stricter CI checks
- Contributed to [Dither](#), a decentralized social network built on the Cosmos AtomOne blockchain
- Built a browser extension that adds click-to-run and syntax highlighting to code blocks on [gno.land](#)
- Contributed to the development of [Gno Playground](#), a lightweight, web-based Golang code editor, REPL and deployment tool
- Technologies: Lit (Web Components), Vue, TypeScript, Go, Qdrant, LangChain, Ollama, MCP, Bun, Elysia, Playwright

### Software Engineer

Feb 2023 – Mar 2024



- Maintained and improved Axelar's [satellite.money](#) cross-chain product surface
- Helped set frontend testing and developer-experience standards across the organization
- Built [ITS portal](#) (AKA maestro): a cross-chain product for deploying and registering interchain tokens
- Created [@axelarjs/ui](#): UI components for React and TailwindCSS, extending [DaisyUI](#) and [Radix primitives](#)
- Developed [@axelarjs/api](#): A suite of isomorphic, type-safe HTTP clients for Axelar's ecosystem
- Built [@axelarjs/proto](#): ts-proto generated types from [axelar-core](#) protobuf definitions
- Created [@axelarjs/cosmos](#): A type-safe wrapper built on top of [CosmJS](#) and [@axelarjs/proto](#) protobuf definitions
- Developed [@axelarjs/evm](#): [Viem](#) based wrappers for Axelar's Solidity contracts
- Built [@axelarjs/utills](#): Framework & runtime agnostic utilities and data structures
- All packages are open source and available on [GitHub](#) and [npm](#)
- Technologies: Next.js, React, TypeScript, TailwindCSS, wagmi, viem, cosmjs, foundry, walletconnect

## SKILLS

### Frontend Frameworks

React, Next.js, Vue, TypeScript, Lit (Web Components), AngularJS

### Web3 & Blockchain

Cosmos SDK, CosmJS, wagmi, viem, Foundry, WalletConnect, Ethers.js

### Styling & UI

TailwindCSS, CSS, HTML, DaisyUI, Radix UI

### Backend & Runtime

Go, Bun, Elysia, GraphQL, Node.js, .NET

### AI & ML

LangChain, Qdrant, Ollama, MCP (Model Context Protocol)

### Testing & Quality

Playwright, Jest, TDD, Storybook

### Build Tools & Automation

Webpack, Rollup, Babel, Bash, CI/CD

### Cloud & Infrastructure

Cloudflare, Vercel, Netlify, AWS, FaunaDB, Firebase

### Mobile Development

React Native, Tauri, Expo, Ionic, Cordova, Xamarin

### Programming Languages

TypeScript, JavaScript, Go, C#, F#, ReasonML, Rescript, Elm, Clojure, Scala

## EDUCATION

EPFL EPFL

Jun 2016 – Jan 2017

Functional Programming



Johns Hopkins University

Jun 2015 – Sep 2015

Data Science



University of Washington

Oct 2014 – Dec 2014

Programming languages

## LANGUAGES

English

Bilingual proficiency

Portuguese

Native speaker

## Frontend Engineer

Jan 2022 – Jan 2023



- Worked on the DEX frontend, integrating both Cosmos and Ethereum
- Shipped features supporting protocol-level functionality for liquidity pools and staking rewards
- Built the margin trading platform for the DEX
- Hired and onboarded new frontend engineers
- Designed the architecture for the new DEX and SDK libraries:
- @sifchain/stargate: A library for interacting with sifnode (Cosmos SDK / CosmJS)
- @sifchain/evm: A library for interacting with Peggy (Sifchain's EVM/Cosmos bridge)
- @sifchain/ui: A UI component library based on React and TailwindCSS
- All packages are open source and available on [GitHub](#) and [npm](#)
- Technologies: Next.js, React, Vue, TypeScript, TailwindCSS, cosmjs, cosmos-sdk, ignite

## Lead Web3 Developer

Mar 2021 – Mar 2022



- Built app.unvest.io, a dApp for crypto projects to launch and distribute their tokens using an intuitive UI across multiple chains, allowing investors to view and trade their unvested tokens through established DeFi tools
- Implemented full Jamstack architecture using Next.js, Netlify and FaunaDB
- Developed client-side Web3 interaction using Ethers and MetaMask
- Built server-side multi-chain proxy using Infura, QuickNode and Moralis
- Implemented passwordless authentication using MetaMask's cryptography
- Technologies: React, TypeScript, TailwindCSS, wagmi, viem, cosmjs, foundry, walletconnect

## Fullstack Developer / Practice Lead

Apr 2020 – Dec 2021



- Built new suite of web applications to aid customer onboarding and retention
- Developed new web payment flow integrating with Stripe
- Implemented application monitoring suite with Sentry
- Built user metrics and conversion funnels with LogRocket
- Onboarded team members from different backgrounds into modern frontend stack (React/TypeScript/GraphQL)
- Implemented Jamstack architecture using Next.js and Netlify

## Lead Frontend Developer

Sep 2018 – Apr 2020



- Built web and React Native applications
- Mentored developers and ran technical workshops
- Implemented CI/CD for web and native apps
- Managed native app release processes
- Led recruiting and hiring processes

## Senior Frontend Engineer

Nov 2014 – Sep 2018



- Acted as Technical Mentor within the Xero Graduate Program
- React early adopter (since December 2014)
- Productionized Xero's first React application
- Led a variety of internal projects and cross-product platform development
- Implemented frontend ops: build automation / CI / CD
- Mentored teams on functional programming and test-driven development

## Software Engineer

Jun 2014 – Nov 2014



- Led a team of graduates through a Microsoft partnership to build a multi-platform time-management tool
- Designed and implemented the checkout flow for the Woolworths/Countdown e-commerce platform

## Software Engineer

May 2012 – May 2014



- Developed e-commerce platform on both backend and frontend
- Designed RESTful Web API
- Built high-performance seller-marketplace catalog integration services with real-time feedback
- Built availability & application monitoring tools using Pingdom's API, AngularJS and ServiceStack
- Developed custom dashboard manager for Pingdom's application monitoring services with Nancy/OWIN/SignalR/AngularJS
- Implemented email configuration automation using Amazon AWS-SES (Simple Email Service)
- Built product comparison module
- Developed inventory export/import routines
- Built real-time mobile application with Firebase + AngularJS
- Developed cross-platform mobile applications with Xamarin + MVVMCross
- Built cross-platform hybrid mobile applications with AngularJS using Steroids + Ionic Framework

## .NET Developer

Mar 2012 – May 2012



- Developed web and desktop applications using .NET Framework 3.5, 4.0
- Maintained and customized established systems, reports and database routines
- Implemented e-ticketing public transportation applications and multi-platform integration