

Glenn Paul Sumido

LEAD FRONTEND DEVELOPER

Toronto, ON · 613-700-7474 · psumido@gmail.com · linkedin.com/in/paulsumido · github.com/gpbsumido · paulsumido.com · paulsumido.com/thoughts

SUMMARY

Frontend engineer with **9+ years** building data-intensive web applications in React and TypeScript. Frontend lead on enterprise SaaS — conversational AI interfaces, large visualization dashboards, and a framework-agnostic design system spanning React and Angular. Primary author of two public npm packages: a client analytics SDK and that design system. Deep focus on performance, automated testing, accessibility, and turning ambiguous product goals into production-ready experiences.

SKILLS

Languages	TypeScript, JavaScript (ES2023), HTML5, CSS3 / Sass, Python, SQL
Frameworks & UI	React 19, Next.js, Angular 21, Redux, Zustand, TanStack Query, MUI, Tailwind, Framer Motion, GSAP
Design Systems	Design tokens, CSS custom properties, component library architecture, Storybook, Figma, WCAG accessibility
Data & Viz	Custom SVG charting, ECharts, Recharts, Chart.js, ag-Grid, Three.js / React Three Fiber, MapLibre / Leaflet
APIs & Data	REST, GraphQL, Zod validation, Auth0, BFF auth pattern, Node.js / Express, PostgreSQL
Testing	Vitest, Jest, React Testing Library, MSW, Playwright, Cypress, mutation testing
Tooling & Infra	Docker, AWS (Amplify, S3), Vercel, Railway, CI/CD, real-user Core Web Vitals monitoring

EXPERIENCE

Helika — Senior Software Developer (Frontend Lead)

Jun 2023 – Feb 2026

Web3 gaming-analytics SaaS · Calgary (Remote)

- Led frontend development of Helika's enterprise gaming-analytics platform as top contributor, building a reusable **15-component charting library** powering game, web, and on-chain dashboards of 20+ visualizations each in React, Next.js, and TypeScript.
- Designed and shipped **Helika AI**, a production conversational analytics assistant clients use to query game data in natural language and receive live, interactive artifacts — charts, dashboards, leaderboards, config changes — rendered inline in chat.
- Architected the chat around a **decoupled controller / state machine**, letting the UI swap a single chat endpoint for a session-scoped multi-agent backend without a rewrite.
- Built the portal's drag-and-drop Dashboard and Visual Designer (ECharts, ag-Grid, gridstack) powering game, web, and on-chain dashboards, serving multiple enterprise studios.
- Drove portal-wide performance work: rewrote the API/query layer in a large refactor with a net code reduction of over 15%, built a data-service cache-busting system, eliminated redundant network calls, and modularized monolithic components.
- Hardened the product with response streaming, Auth0 authentication, and Sentry monitoring; shipped investor-facing features through multiple fundraising rounds.

Refmint — Frontend Developer

Feb 2022 – Jun 2023

Referral and rewards platform · Vancouver (Remote)

- Built data-heavy React applications with a strong focus on performance, **improving page load times ~40%** through lazy loading and caching.
- Built and maintained a reusable UI component library shared across internal and customer-facing applications; streamlined delivery with automated CI/CD build pipelines.

PeopleInsight — Front-End Developer (Analytics)

Apr 2017 – Jan 2022

Enterprise HR analytics · Ottawa

- Built interactive dashboards for enterprise HR analytics in React, partnering with UX designers to turn complex requirements into intuitive interfaces.
- Developed survey-driven data-collection workflows with validation logic and automated testing, and automated data-processing pipelines that reduced manual effort and improved data quality.
- Reduced data-analytics **QA time by 80%** through automated verification queries.

OPEN SOURCE

helika-web-sdk — Primary author of Helika's public web SDK (175 of 197 commits, 84 merged PRs), published to npm as helika-sdk; also authored the public sdk-demo-react and sdk-demo-nextjs reference integrations. github.com/getlidar/helika-web-sdk

SELECTED PROJECTS

- **Paul Design System** — paulsumido.com/design-system · github.com/gpbsumido/paul-design-system — Framework-agnostic design system published to npm as @paul-portfolio/{tokens,css,react,angular}: design tokens compiled to CSS custom properties, feeding 33 React and 33 standalone Angular components, including 11 chart types drawn from a shared SVG geometry layer with no charting library. Zero runtime dependencies, 82 test files, Storybook.
- **paulsumido.com** (live) — Next.js application with 106 routes and 62 API routes: BFF auth pattern with no tokens exposed to the browser, GraphQL gateway, feature flags with an audit trail, and a real-user Core Web Vitals pipeline reporting P75 by route and release. 238 test files plus Playwright end-to-end coverage.
- **angular-paul** — live at angular.paulsumido.com · github.com/gpbsumido/angular-paul — macOS-style desktop-OS portfolio in Angular 21 using standalone components, signals, zoneless change detection, and SSR with incremental hydration.

EDUCATION

Bachelor of Engineering — Communications Engineering

Carleton University, Ottawa

2013 – 2018