

Roman Basinschi

Staff Full-Stack Engineer · TypeScript, React, Node.js, PostgreSQL, LLM applications

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SUMMARY

Full-stack engineer with 12+ years in software engineering, including 9+ years on production React platforms: LG webOS TV system apps, the Aporeto and Palo Alto Networks Prisma Cloud consoles, and GenAI security at Acuvity (acquired by Proofpoint). Strengths: front-end architecture, type-safe APIs, schema-to-UI ownership, and mentoring.

SKILLS

Languages: TypeScript, JavaScript, Python, Go, SQL

Front end: React 19, Next.js 16 (App Router, Server Components), Redux Toolkit, TanStack Query, GraphQL, Tailwind CSS, Three.js / React Three Fiber, Storybook, Vite, Webpack

Back end & data: Node.js, Bun, REST and GraphQL APIs, WebSockets, PostgreSQL (row-level security, PostGIS, pg_cron), Supabase, Drizzle, MongoDB, Redis, OAuth 2.0 / OIDC, JWT, Stripe Connect, Plaid

AI: LLM agent loops and tool calling, RAG and hybrid search, voice agents, OpenAI, Gemini, Claude, Vercel AI SDK

Infrastructure: Docker, Kubernetes (EKS, GKE), Terraform, Helm, AWS, GCP, Vercel, DigitalOcean, GitHub Actions, OpenTelemetry, Prometheus / Mimir, Grafana

Testing: Vitest, Jest, React Testing Library, Playwright, Cypress, Selenium

Mobile & real-time: React Native, Capacitor, Expo, WebRTC, SIP, Telnyx

Spoken languages: English, Romanian, Russian

EXPERIENCE

Staff Engineer Acuvity (GenAI security, acquired by Proofpoint) · Remote Mar 2024 – May 2025

- Designed a modular React app (Vite, Storybook) in the company monorepo that standardized UI patterns and shortened ramp-up for new contributors.
- Consolidated multiple REST services behind a GraphQL gateway, simplifying API use across the UI.
- Turned auto-generated OpenAPI specs into JSON Schema and TypeScript declarations, giving the UI a fully type-safe data layer and schema-driven forms.
- Built customer-facing dashboards and visualizations for time-series data (Mimir, Prometheus).
- Mentored 2 engineers and formalized RFCs, development guides, and lint rules for consistent code reviews.

Senior Member of Technical Staff Palo Alto Networks (Prisma Cloud) · Santa Clara, CA Jan 2020 – Apr 2024

- Stepped up as acting engineering lead for two teams, driving the rollout of CIS-benchmark compliance-as-code policies in Rego.
- Integrated Cloud Network Security into the broader Prisma Cloud platform, delivering one experience inside existing customer workflows.
- Co-led a shared component library that unified duplicated UI patterns and sped cross-team delivery, including the integration of acquired products.
- Guided multiple teams through an Angular-to-React migration to raise development velocity.
- Delivered data-driven dashboards that gave customers visibility into tenant data.

Member of Technical Staff Aporeto (acquired by Palo Alto Networks) · San Jose, CA Apr 2018 – Jan 2020

- Built the production front end from scratch in React and Redux, delivering the core customer dashboard features.
- Designed and implemented a fine-grained RBAC system that standardized permission models.
- Contributed to Go microservices for policy enforcement and authentication.

Software Engineer LG Electronics · Santa Clara, CA 2016 – 2018

- Engineered and maintained core webOS TV system apps (Settings, User Guide, Help) on LG's Enact React framework, keeping performance and UX consistent across devices.
- Delivered platform features on schedule with teams across North America, Asia, and Europe.

Software Development Engineer in Test LG Electronics · Santa Clara, CA 2013 – 2016

- Built distributed test infrastructure that ran suites in parallel across 50+ TV boards in the in-house labs.
- Created automation frameworks and reusable components that sped end-to-end test authoring across the team.
- Wrote Python regression suites for connectivity and media playback, cutting manual test cycles from weeks to days.

Software QA Consultant Memocast 2011 – 2013