

Scott Canoni

Principal Software Engineer

New York (Eastern) · Remote | scottcanoni@gmail.com | scottcanoni.com | linkedin.com/in/scottcanoni | github.com/scottcanoni

SUMMARY

Principal software engineer, 26 years, all of it on the web. Lots of languages along the way, but TypeScript by choice, with React and Node.js. Built consumer products that reached over a hundred million people at IAC, and most recently tokenized assets, web3 wallets, Plaid, and Terraform at Streamex. Fourteen years as an engineer and seven managing a 19-person front-end org, so I can own the architecture and the roadmap. Remote for the last stretch at IAC and all of Streamex. Looking for a remote principal or staff engineering role.

PROFESSIONAL EXPERIENCE

Streamex

Oct 2024 – Sep 2026

Principal Software Engineer

Web platform for a tokenized-asset product: onboarding and identity verification, funding, purchase, and on-chain transfer. Stack: TypeScript, React, Node.js, Terraform, AWS. Remote. The role was eliminated in September 2026.

- Integrated **web3 wallets** (MetaMask, Phantom, Backpack, Solflare, Trust Wallet) across **Ethereum, Base, and Solana**, so users could issue and transfer tokenized assets from the wallet they already trusted.
- Integrated **Plaid** for bank linking, identity, and account verification across onboarding and funding.
- Rebuilt the existing production environment in **Terraform**, so infrastructure changes went through code review like everything else and dev, staging, and per-feature environments could be spun up on demand. Did the first pass in **AWS CDK**, then moved everything to Terraform to keep the option of leaving AWS open.
- Built **streamex-types**, a private npm package that gave infrastructure, backend, and frontend one shared set of TypeScript types, so the concepts stayed tightly coupled across the whole stack. A renamed field failed the build instead of reaching production.

Tacos N Tonic, LLC — my own company, founded 2003

2022 – Oct 2024 (full time)

Founder

Ran my LLC full time for the two years between IAC and Streamex, and still run it on the side. I do all of it myself: product, design, code, payments, infrastructure, SEO, analytics, and support.

- **Music Bingo** (music.buzzbuzzbingo.com): subscription SaaS for DJs, bars, and event hosts, with paying customers. Spotify and YouTube playlist import, 300+ ready-made cards, on-demand PDF card generation, and live games guests play from their phones while the board is cast to a screen. Next.js, TypeScript, Node.js.
- **BuzzBuzzBingo** (buzzbuzzbingo.com): self-serve bingo card generator that has run profitably and unattended for over 15 years. Every order generates unique PDF cards on demand. Includes a React and Redux web app with web sockets, real-time chat, card validation, and admin game management.

IAC — iWon.com · MindSpark · Ask Applications · Ask Media Group

2000 – 2022

Director of Web Development (last 7 years, to 2022)

Production Manager, then Senior Web Development Manager, then Director. Remote for the last stretch.

- Managed **19 front-end developers and managers** across the Web Development, Portals & Applications, and Games & Prizes teams.
- Owned prioritization, estimation, roadmap planning, forecasting, and hiring decisions for those teams. When I gave the business a date, we hit it.
- Certified Scrum Master. Ran daily stand-ups and retrospectives, and set performance benchmarks and SMART goals for both people and products.

Principal Software Engineer

Software Engineer, then Senior Software Engineer, then Principal.

- Proposed and then built the technical solutions behind business goals that drove **seven-figure revenue growth**.
- Built three consumer portals that went head to head with Yahoo: **iWon, Excite, and MyWay**. When Excite went bankrupt we bought the rights, and I built its critical features and re-skinned iWon as Excite, which doubled the business.
- Built and shipped consumer products at internet scale: **SmileyCentral, Zwinky, CursorMania, Webfetti, MyFunCards, PopularScreensavers, Motitags, MyScrapNook**, plus games like GamingWonderland and Cats and Catapults. A/B and multivariate tests decided which features stayed and which got cut.
- Built backends, frontends, frameworks, APIs, and internal tooling for engineering, product, design, and marketing. Built the browser extensions too: consumer products, developer utilities, and thousands of revenue-generating new tab variants.

ScreamingMedia, Inc.

2000

Associate Producer / Web Developer

- First job out of school. Wrote JavaScript that wrote JavaScript, consuming content from providers, aggregating it, and publishing it out to publishers.

SIDE PROJECTS

- **Evo Arena** (evo-arena-gamma.vercel.app): neuroevolution sandbox where 500 cars per generation, each with its own small neural network, learn to drive tracks nobody taught them. Click any car and it explains its steering in plain English. It also detects and names reward hacking, like cars farming one checkpoint or driving the track backwards for points.
- **Agent tooling**: the agent skills, sub-agents, and MCP integrations I build with every day, including a code-review skill and a test-and-iterate loop that runs until the tests pass. Anything the model writes goes through the same gates as my own code: strict types, a test that fails first, and a human review.
- **Scott Space Shots** (bio.site/ScottSpaceShots): astrophotography from remote telescopes around the world and my own full-frame mirrorless rig. Every frame is calibrated, stacked, and stretched non-destructively. Prints sell through Etsy and Shopify, and the work has hung in library exhibits.
- **Open source**: react-anagram-animation (npm; it animates the tacosntonic.com hero) and node-folder-gallery, an Express image gallery with EXIF data. **scottcanoni.com** itself is React 19 and TypeScript on Vite, shipped as an installable PWA with tests and CI on GitHub Actions.

TECHNICAL SKILLS

Languages	TypeScript, JavaScript, Java, PHP, Python, SQL, HTML, CSS / SCSS / LESS
Front End	React, Preact, Redux, Next.js, Vue, Angular, Tailwind, Vite, Webpack, Bootstrap, MUI, Responsive Design, PWA, Extension Products, Developer Utility Extensions
Back End	Node.js, Express, Spring, REST, GraphQL, WebSockets, Subscription Billing, PDF Generation, Spotify API
Fintech & Web3	Wallet Integration (MetaMask, Phantom, Backpack, Solflare, Trust Wallet), Ethereum, Base, Solana, Tokenized Assets, Plaid, KYC / Identity Verification, OAuth, Payment Flows
Platform	Terraform, AWS CDK, Infrastructure as Code, AWS, Google Cloud, Azure, Akamai, CI / CD, GitHub Actions, Jenkins, Vitest
Also Used	Service Workers, Push Notifications, HTML5 Canvas, Flash, WebAssembly, Facebook Platform, Ad Tech, Analytics, SEO, Oracle, Apache, npm, YouTube API, Shopify, Etsy, Neural Networks
AI Tooling	Claude Code, custom agent skills and sub-agents, MCP integration, CLI automation, Security Auditing, Vulnerability Detection, Dependency Upgrading, AI-generated code gated by strict types, tests, and review
Process & Leadership	Technical Leadership, Hiring, Mentoring, Roadmap Planning and Estimation, Agile Scrum (Certified Scrum Master), Kanban, A/B & Multivariate Testing, Strangler Fig Migrations, Pair Programming

EDUCATION

Lafayette College

B.S. Computer Science, Minor in Mathematics

- Internship at **IBM** Global Systems Division (Somers, NY): intranet sites for the Project Management Methods and Worldwide Solution Design and Delivery Methods divisions, in Java, SQL, JavaScript, and Oracle. On campus, built the Probationary Records Database for the Dean of Students.