

Nathan Johnson *Software Engineer*

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PROFILE

I'm a full stack software engineer based in Seattle, with experience in the JavaScript ecosystem and in cloud deployment to AWS. Recently I built Vizier [🔗](#), a platform for deploying full stack apps to AWS.

EXPERIENCE

Cocreator, Software Engineer, Vizier 10/2025 – 01/2026

Vizier (vizier-platform.com [🔗](#)) is an open source CLI that deploys full stack apps to AWS and automates redeployment via GitHub Actions.

- Automated AWS deployment, condensing a 20+ step manual process into a 2-command workflow
- Provisioned and configured AWS services to host users' full stack applications (CloudFormation, CloudFront, S3, ECS, RDS, Certificate Manager, Secrets Manager)
- Architected 5 Infrastructure-as-Code presets, providing users with pre-configured architecture options for common application patterns (AWS CDK)
- Engineered and released the Vizier CLI, orchestrating project configuration, deployment, and redeployment (TypeScript, Node.js, NPM)
- Authored technical case study [🔗](#) detailing problem domain and design decisions

Open Source Contributor, Firefox 2026

- Contributed code across UI Events, CSS Computation, and Accessibility modules to remove old prefs
- Used Git, Bugzilla, Phabricator, and Searchfox to pinpoint issues, communicate with other developers, and submit patches for review
- Wrote about the new contributor experience: blog.narjo.dev/firefox [🔗](#)

Software Engineer, Projects 2023 – 2025

- **RPG RAG** – Chatbot for TTRPG book. Uses vector embeddings to select documents for retrieval augmented generation via the OpenAI API (Python, PostgreSQL, pgvector, RAG, OpenAI)
- **Webhook Testing App** – Generates endpoints for testing webhooks. Deployed to three-tier AWS architecture (React, Express, PostgreSQL, MongoDB, CloudFront, S3, EC2)

SKILLS

Frontend – JavaScript, TypeScript, React, HTML, CSS, Zod, Jest, Vitest

Backend – Ruby, Python, Java, Node.js, Express, Sinatra, SQL, PostgreSQL, MongoDB, REST APIs

Cloud – AWS (CloudFront, EC2, ECS, RDS, S3, SDK, CDK)

Other – Nginx, Docker, RAG, Git, GitHub, GitHub Copilot, Claude Code

EDUCATION

Launch School, Software Engineering 2023 – 2025

- Multi-year, mastery-based software engineering school – launchschool.com/employers [🔗](#)

Pomona College, B.A. in English 2019 | Claremont, CA