

# Nathan Johnson *Software Engineer*

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## PROFILE

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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

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**Open Source Contributor, Mozilla Firefox** 2026

- Landed 3 patches to Firefox release channel, shipping production code through formal code review
- Refactored conditional logic to remove deprecated feature toggles; updated dependent browser test and web platform test configurations
- Completed an abandoned patch: rebased onto current main, resolved merge conflicts manually, and fixed a broken devtools test traced to a CSS-animation API migration
- Published technical writing on the open source contribution workflow: [blog.narjo.dev/firefox](https://blog.narjo.dev/firefox) [🔗](#)

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

Vizier ([vizier-platform.com](https://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

**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

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**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** — Docker, RAG, GitHub Copilot, Claude Code

## EDUCATION

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**Launch School, Software Engineering** 2023 – 2025

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

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