



# Tzvi Hamerman

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## SUMMARY

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
I'm a software engineer with experience developing applications in the Javascript ecosystem and am comfortable with various cloud technologies. I recently built Aria, an open source, self-hosted tool that enables canary deployment and analysis in a few simple steps.

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## EXPERIENCE

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**Aria, Co-Creator, Software Engineer** 2021 – present

- Co-Created Aria, a self-hosted, "quick-start" framework that enables canary deployment and analysis in existing AWS environments.
- Designed, prototyped, and built Aria using Amazon Web Services (EC2, ALB, S3, IAM).
- Led Aria CDK development that enables developers to easily insert and teardown canary infrastructure in existing production environments (Node, TypeScript, CDK, SDK, CloudFormation).
- Implemented a dashboard UI for Aria setup, infrastructure deployment, and teardown (Svelte, TailwindCSS).
- Configured Aria monitoring and analysis toolkit: (Prometheus, Kayenta, Referee, and Grafana).
- Produced animations and diagrams for Aria demos, case study website, and presentation.
- Co-authored technical case study and technical presentation ([aria-deploy.github.io](https://aria-deploy.github.io) ).

**Self-employed, Full Stack Web Developer** 2019 – 2021

- Developed open-source software with technologies such as React, Express, Node, PostgreSQL, MongoDB, Docker, HTML, and CSS.
- RequestBucket - RequestBin-like database-backed application for receiving and debugging webhooks in real time (Express, MongoDB, React, Tailwind, SSE, Docker).
- TrelloClone - A Trello-like collaboration app (MongoDB, Node, Express, React/Redux).

**Apex-Ventures, Purchaser, Operations Specialist** 2013 – 2019

- Managed daily operations, warehouse, customer-service, shipping/receiving, for New York based online retailer.

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## SKILLS

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### Languages and Frameworks

Javascript (ES6), Go, Node, Express, React, Redux, Handlebars, SQL, PostgreSQL, MongoDB, Tailwind

### Cloud

AWS (EC2, ALB, IAM, S3, CDK, SDK, CloudFormation), Digital Ocean, Docker, Heroku

### Web

HTTP, REST, APIs, Git / Github, HTML, CSS, DOM

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## EDUCATION

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**Launch School** 2019 – 2021

Multi-year mastery-based software engineering program

**B.S. Judaic Studies, Excelsior College** 2019