

Taron Avagyan Software Engineer

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Profile

I'm a full-stack Software Engineer based in Los Angeles, California, with expertise in Ruby on Rails, TypeScript, AWS, PostgreSQL, DataDog, and React. Passionate about building scalable applications, optimizing performance, and ensuring system reliability. Currently pursuing a National Master title in chess.

Skills

Backend

Ruby, Ruby on Rails, Sidekiq, Redis, PostgreSQL, SQL, API Design, Go, TypeScript

Frontend

React, Angular, TypeScript, JavaScript (ES6), HTML5, CSS3

Cloud

AWS (RDS, S3, Lambda, ECS), Docker, Heroku, GCP, Firebase

Other

DataDog, RSpec, Jest, Git, Agile, Scrum, CLI

Experience

Software Engineer, *Kin Insurance* 🔗

2024 – present

- **Engineered and maintained Rails backend systems for claims and payments**, including financial APIs that processed high-volume transactions with full audit logging, ensuring reliability, compliance, and operational efficiency.
- **Architected major refactor of legacy claim reporting code** maintained by departed engineers, closing a critical compliance gap that ensured the business met regulatory obligations and improving reporting from roughly **50% → 99%**.
- **Designed and implemented high-scale backend services**, enhancing internal staff workflows to **process 500+ bulk updates per minute** (up from 1 per minute).
- **Led incident response during Hurricane Milton**, identifying and resolving multiple high-impact issues, coordinating bulk operations for rapid adjuster deployment, and saving **440 hours of manual work** across critical workflows
- **Led high-impact incident resolution using DataDog**, ensuring system stability and operational efficiency during critical hurricane response periods.
- **Mentored junior engineers**, authored internal guidelines, performed spikes, and delivered lightning talks to improve system knowledge and team efficiency.

Co-Creator & Software Engineer,

2023 – present

Embrasure (<https://embrasure.dev>) 🔗

Embrasure is an open-source, self-hosted secrets manager built on AWS for small teams.

- Architected and automated deployment of **10 microservices** (RDS, VPC, API Gateway, Lambda), ensuring **one-command setup/teardown** and **high availability**.
- Implemented robust security measures, including encryption at rest/in transit, temporary 15-minute IAM credentials, and secure secrets injection in Node.js with log redaction.
- Engineered an **AWS JavaScript SDK wrapper**, improving developer efficiency and reducing complexity.
- Authored **technical case study** (<https://embrasure.dev>) 🔗

Software Engineer, *Self-Employed* 🔗

2021 – 2024

Developed open-source projects and provided services to small businesses.