

Giovanni d'Amelio

Software Developer

About

- 📍 Seattle WA US
- ✉ gio@damelio.net
- ☎ 1.206.372.3323
- 🌐 giodamelio.com
- 🌐 giodamelio
- 🌐 giodamelio

Programming Languages

TypeScript JavaScript
Golang Ruby Python Elixir
Rust Clojure

Backend Frameworks

Express Rails Django GRPC

Frontend Frameworks

React Ember Vue HTMx
Redux

Databases

MySQL AWS Aurora
PostgreSQL Redis SQLite
SurrealDB

Testing

TDD Jest FactoryBot
Various mocking libraries
RSpec

Tooling

Git Vim Shell scripting
Linux

Deployment

AWS Terraform Docker
Podman Packer Linux

AWS Services

Lambda ECS EC2
API Gateway SQS Route53
S3 IAM

Summary

I am a jack of all trades developer who enjoys building reliable, scalable services as much as fine-tuning deployment pipelines. I've gained a broad range of skills working on small, dynamic teams and thrive when I get to wear multiple hats. I'm passionate about open-source software, which I've relied on almost exclusively for years, and I'm always excited to pick up new languages or frameworks—whether it's for work or just for fun.

Experience

BackNine Insurance and Financial Services

04/2024 - 11/2024

Senior Software Developer

Led major projects in infrastructure and process automation, modernizing systems to boost both security and productivity.

- Migrated infrastructure to AWS using ECS, Terraform, Docker, and GitHub Actions, streamlining deployments and enhancing scalability.
- Revamped the email system to support flexible routing, reducing workload for case agents and speeding up response times.
- Automated key security tasks, ensuring compliance with minimal manual work.
- Improved developer experience by optimizing workflows and tools, enabling faster and more consistent code delivery.

Square

09/2021 - 01/2023

Senior Software Developer (L5)

Worked on the signup web app to ensure smooth multi-country compliance and improve data accuracy through robust state management.

- Built solutions to support business expansion into new markets.
- Developed tools for rapid rollout of marketing referral programs.
- Led a project to enable automated, large-scale targeted marketing.
- Built a webhook allowing non-technical staff to create referral campaigns independently.
- Enhanced security measures in internal tools to safeguard promotions.
- Modified multiple services to support new business verticals in regulated markets.

Avalara

09/2017 - 08/2021

Software Developer (SDE2)

Collaborated on Node.js and TypeScript microservices deployed on AWS Lambda, enhancing interoperability across products.

- Led a CI/CD overhaul during the GitLab migration, improving usability and speed.
- Served as Security Champion, driving secure design and implementation across the team.
- Worked closely with SECENG and Security Champions to implement security best practices.

Code Fellows School

11/2016 - 08/2017

Lead Teaching Assistant

Supported students in mastering advanced JavaScript concepts, debugging, and refining their skills through detailed feedback.

- Taught foundational Node.js, RESTful APIs, and single-page app development with Angular.js.
- Provided hands-on debugging help during labs and final projects, enhancing student comprehension.

Education

Code Fellows

07/2016 - 09/2016

Certificate Advanced Full-Stack JavaScript Development

