



# Giovanni d'Amelio

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## SUMMARY

I am a Jack of all trades developer who equally loves designing/developing reliable and scalable services as well as working on build/deployment pipelines from source control to production and everything in between. I have spent time working on a small team where we did everything ourselves.

I have a deep passion for open source software, which I have used almost exclusively for a number of years now. I love learning new programming languages and paradigms, and I am always on the lookout for new and interesting things to learn, whether they are tech related or just a random fun fact.

## SKILLS

- **Languages:** TypeScript, Javascript, Python, HTML, CSS, with a splash of Clojure and Elixir in my spare time
- **Libraries:** Express, Axios, React, Redux
- **Databases:** MySQL, AWS Aurora, Redis, PostgreSQL, SQLite
- **Testing:** Jest, TDD, Various mocking libraries
- **Tooling:** Git, Vim, Shell Scripting and Linux
- **Deployment:** AWS, Terraform, Docker, Packer and Linux
- **CI/CD:** Jenkins, Gitlab CI
- **AWS:** Lambda, API Gateway, SQS, Route53, S3, IAM

## EXPERIENCE

### SDE2, Avalara

Seattle, WA — *September 2017 - Current*

Created/maintained a system of microservices hosted on AWS Lambda. Written in Node.js with Typescript. Worked closely with my team to architect new systems to integrate with many company products.

Lead project to overhaul CI/CD system for my Team as part of a company wide migration to using GitLab. Over the course of two months I planned and led the implementation of a new CI/CD pipeline and not only met the goal of reaching feature parity with our old deployment system, but improved performance and added quality of life improvements.

Served as the team's Security Champion whose responsibilities include:

- Keeping a keen eye for security implications throughout the design, implementation and maintenance phases of a project
- Maintaining a relation with the companywide SECENG team and the community of Security Champions
- Keeping up to date with industry wide vulnerability discoveries and guiding team to keep up with ever shifting security landscape

### Teacher Assistant (Code 301), Code Fellows

Seattle, WA — *January 2017 - August 2017*

Guided students through advanced Javascript material including creating SPA's with VanillaJS and jQuery. Used PostgreSQL to make RESTful API's. Assisted in debugging during lab time and during the final project. Graded assignments and provide constructive feedback.

### Lead Teachers Assistant (Code 401), Code Fellows

Seattle, WA — *November 2016 - January 2017*

Guided students through advanced JS material including Node.js, RESTful API's, and creating SPAs with Angular.js. Assisted in debugging during lab time and during the final project. Graded assignments and provide constructive feedback.

## EDUCATION

### Code Fellows

Certificate in Advanced Full-Stack Javascript Development — September 2016

