

Anne Tiotuico

✉ amtiotuico@gmail.com 📍 annetiotuico.com 📍 Daly City, CA

EXPERIENCE

2022 – present

Creator, Software Engineer

Cascade (<https://try-cascade.github.io> 🌐)

An open-source containerized application deployment tool with built-in observability.

- Streamlined the build and teardown processes of AWS infrastructure creation using Terraform's CDK for TypeScript
- Built Cascade Agent, an NPM package compatible with AWS Distro for OpenTelemetry Collector that reduces the burden on the user having to navigate OpenTelemetry SDKs to instrument and export traces
- Developed a GUI that abstracts the complexity of deploying and destroying containerized applications. Users have access to view the creation status of each AWS resource, the Terraform config files used for deployment, and access to AWS CloudWatch and X-Ray
- Automated installation of Cascade using Docker for easy out-of-the box use (images, docker-compose)
- Designed an API server for communication with the AWS SDK
- Authored a comprehensive technical case study discussing the design decisions and challenges of building Cascade 📄
- Collaborated with a remote team of four engineers across three time zones, including daily stand-ups and pair programming

2020 – 2022

Full-Stack Web Developer

Developed open-source web applications including:

- Yarn Basket: A real-time webhook application for capturing and debugging webhooks (Express, Node.js, Handlebars, MongoDB, PostgreSQL, Digital Ocean (Droplets), Nginx, PM2)
- Shopping Cart: an e-commerce shopping cart application with a database backend (React, Express, Node.js, MongoDB, Jest)

2015 – 2022

Program Support Analyst

Zonic Design

- Supported internal sales and client dealer teams, customer success for new accounts (setup, system privileges) and provided solutions throughout client's lifecycle
- Configured SQL queries within the Business Development Center (BDC) SaaS program in response to each specific dealers' business requirements
- Troubleshooted the BDC program, creation, performance, maintenance, and data integrity for multiple clients. Analyzed and optimized SQL queries in order to return optimal results for lead generation
- Collaborated with cross-functional teams to ensure products were ready for launch

TECHNICAL SKILLS

Backend

Node.js, Express, Ruby, Go, PostgreSQL, MongoDB, RESTful APIs

Frontend

JavaScript, React, TypeScript HTML/CSS, Next.js

Other Technologies

Git/GitHub, Bash, Jest, OpenTelemetry, Docker, Terraform, AWS (S3, EC2, ECS), Digital Ocean (Droplets)

EDUCATION

2016 – 2018

B.S., Business Administration (Information Systems)

San Francisco State University