Anne Tiotuico

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EXPERIENCE

2022 – present	**Creator, Software Engineer**

Cascade ☐
- Created Cascade, 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 abstracts the work of using OpenTelemetry SDKs to instrument and export traces to AWS X-Ray
- Designed an API server for communication with the AWS SDK
- Developed a GUI that allows users to deploy and destroy their 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 deployment using Docker (images, docker-compose)
- Authored a comprehensive technical case study discussing the design decisions and challenges of building Cascade ☐
- Collaborated with a remote team of 4 engineers across 3 time zones, including daily stand-ups and pair programming

2020 – 2022 **Software Engineer**
Launch School, Capstone Program
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
- Troubleshot the BDC program, creation, performance, maintenance, and data integrity for multiple clients. Analyzed and optimized SQL queries in order to return best 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