Natalie Thompson

Software Engineer

- Austin, Texas Metropolitan Area
- Natalie.A.Thompson@outlook.com
- nathompson.com

Skills

Backend
Node.js, Express, Ruby, JavaScript, Go, C#, RESTful APIs, PostgreSQL, MongoDB

Frontend
JavaScript, React, HTML/CSS, Next.js, JQuery

Other
*Docker, Git, Terraform,
AWS Services (EC2, ECS, S3, Distro, X-Ray),
Adobe (Photoshop, Illustrator, InDesign)*

Education

BFA Communication Design,
Schreiner University

Technical Projects

Cascade, *Creator, Software Engineer* 🔗
Aug 2022 – Dec 2022

- Created Cascade, an open-source containerized application deployment solution with observability built in.
- Using Terraform CDK, Cascade's Backend provisions users' infrastructure and automates deployment with a 3-step process.
- 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
- Developed a GUI that allows users to deploy and destroy their containerized applications with one click.
- Established a feature for users to use as an accelerator for their own AWS environments, speeding up development by 25 steps.
- Automated deployment using Docker (images, docker-compose)
- Collaborated with a remote team of 4 engineers across 3 time zones, including daily stand-ups and pair programming
- Authored Cascades's case study 🔗

Software Engineer, *Self-Employed*
Jan 2018 – Aug 2022

A few of the projects & technologies used during this time:
- YarnBasket - a real-time application for receiving & debugging webhooks (Socket.io, Nginx, MongoDB, Express, Node)
- Eorzea Time - a task and time tracking application for in game events in FFXIV (Ruby/Sinatra, ERB)
- Beat Drop - a pixel-based phone rhythm game that spawns obstacles based on the beat (C#, Unity)
- Rampart Crossing Website - a static HOA website (HTML/CSS, vanilla JavaScript)

Professional Experience

Telus International (formerly Lionbridge)

Senior Rater
Apr 2021 – present
- Aid in the development and accuracy of A.I.
- Analyze internet data to determine whether data is safe for consumption
- Follow the guidelines set by the company with 87+% accuracy.

Rater
Jan 2017 – Mar 2021

Riverside Nature Center, *Graphic Designer*
Mar 2016 – Dec 2017
- Redesigned and created a custom PHP WordPress template.