

Nathaniel P. Maile

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Professional Summary

Software Engineering Team Lead with a background in backend development, system design, and leadership.

Experience

Equifax - Chargeback Prevention and Resolution

Remote

SOFTWARE ENGINEERING TEAM LEAD

May 2023 - present

- Lead international remote team to develop go microservices
- Actively contributed to the team codebase
- Developed high quality template utilizing modern Go code structure and standards
- Collaborated closely with other organizations to coordinate deployments and adherence to standards

GridPlus - Phonon

Remote

SENIOR SOFTWARE ENGINEER

Aug 2021 - Apr 2023

- Wrote RPC application and protocol for coordinating asset transfers
- Developed multi-platform build and packaging pipelines for continuous deployment
- Wrote embedded code for Javacard platform smart cards
- Lead development of crypto asset transfer protocol

Home Depot Technology - Continuous Deployment

Atlanta, GA

SYSTEMS ENGINEER II

Oct 2019 - Aug 2021

- Lead development on Go API for managing Kubernetes accounts within Spinnaker
- Lead development on Go service for coordinating Git-Ops Kubernetes deployments to store environments
- Managed containerized development and deployment within Docker and Kubernetes environments
- Configured and managed enterprise Spinnaker instance for continuous deployment

Home Depot Marketing - Category Experience

Atlanta, GA

DATA MINING/APPLICATION DEVELOPER CONTRACTOR

May 2019 - Oct 2019

- Wrote numerous web spiders for data gathering from e-commerce sites
- Developed web application in Go for analysts to execute web spiders

Iowa State University IT - Network Services

Ames, IA

JUNIOR PROGRAMMER/DATA ANALYST

April 2018 - May 2019

- Automated network interface data collection.
- Assisted in development of a network device deployment application.

Iowa State University IT - Solution Center

Ames, IA

STUDENT TEAM LEAD

April 2016 - April 2018

- Managed 5-15 student employees on shift at any given time.
- Developed a task distribution system resulting in increased workflow and help ticket management.
- Trained 20+ new and existing employees on developing policies and technical solutions.

Skills

Go Programming Language	6 years. Web application and general software development
Python Programming Language	8 years. Extensive use in data gathering and automation
Rust Programming Language	2 years. Personal projects, web and embedded systems
SQL	7 years. Data gathering and reporting within multiple SQL environments
Kubernetes	4 years. Deployment orchestration and infrastructure management
Linux	10 years. Extensive use in desktop use and server management
Docker	5 years. Container creation and maintenance