

# Nathaniel P. Maile

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## Professional Summary

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

## Experience

### Equifax - Chargeback Prevention and Resolution (formerly Midigator)

Atlanta, GA

SOFTWARE ENGINEERING TEAM LEAD

Aug 2023 - present

- Lead international remote team of 5 developers in development of go microservices
- Actively contributed to the team codebase
- Collaborated closely with other organizations to coordinate deployments and adherence to standards
- Mentored team members on major aspects of the full software development lifecycle
- Organized and led weekly "lunch and learn" session with 30-50 engineers in attendance
- Reported to the VP of Engineering

### Equifax - Chargeback Prevention and Resolution (formerly Midigator)

Atlanta, GA

SENIOR SOFTWARE ENGINEER

May 2023 - Aug 2023

- Developed high quality template utilizing modern Go code structure and standards
- Implemented major parts of an event-driven go microservice architecture

### GridPlus - Phonon

Remote

SOFTWARE ENGINEERING MANAGER

Dec 2022 - Apr 2023

- Led full-stack engineering team including embedded, backend, frontend, and server software
- Reported directly to the CEO to coordinate deliverables
- Communicated directly with stakeholders and customers to gather requirements and inform software decisions

### GridPlus - Phonon

Remote

SENIOR SOFTWARE ENGINEER

Aug 2021 - Dec 2022

- Developed client application for the Phonon Network
- 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
- Led development of crypto asset transfer protocol

### Home Depot Technology - Continuous Deployment

Atlanta, GA

SYSTEMS ENGINEER II

Oct 2019 - Aug 2021

- Led development on Go API for managing Kubernetes accounts within Spinnaker
- Led development on Go service for coordinating Git-Ops Kubernetes deployments to store environments
- Developed policy in the Open Policy Agent Rego programming language
- Managed containerized development and deployment within Docker and Kubernetes environments
- Configured and managed enterprise Spinnaker instance for continuous deployment

## Skills

**Programming Languages** Golang: 6 years, Python: 8 years, Rust: 2 years, Typescript: 3 years  
**Frameworks** React: 2 years, HTMX: 1 year  
**Technologies** SQL: 7 years, Kubernetes: 4 years, Linux: 10 years, Docker: 5 years

## Notable Public Work

**How to Get Into Software (link)** Reviewed by notable tech personality "The Primeagen" to great acclaim (854 stars on Github)  
**Abusing Hypermedia (link)** Presented in June 2023 at Big Sky Dev Con  
**The Nate Stream (link)** Weekly livestream focusing on the full software lifecycle and professional development

## Experience Continued

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### 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.
- Developed a python tool for server configuration validation.
- Assisted in development of a network device deployment application.

### Golden Door Housing Group

Atlanta, GA

DATA ANALYST

May 2018 - Aug 2018

- Performed cursory financial analysis of prospective properties.
- Developed an automated data mining application for tax records within Fulton County.
- Performed analysis of GIS data within Fulton County.

### 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.
- Developed a technical manual for current and future employees.
- Trained 20+ new and existing employees on developing policies and technical solutions.
- Developed functionality in a Splunk display board for key performance indicators.

### Alpha Copies Print and Copy Centers

Ames, IA

TEAM MEMBER

June 2015 - June 2016

- Performed retail transactions for business and private clients.
- Designed professional business cards, flyers, and posters.

## Education

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### Iowa State University of Science and Technology

Ames, Iowa

B.S. IN BUSINESS ECONOMICS

May 2019

- GPA 3.11