Nathaniel P. Maile

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Professional Summary

Software Engineer with a strong background in backend development, system design, and leadership. Looking to further my career as a senior/staff level engineer or engineering team lead.

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

Experience

Equifax - Chargeback Prevention and Resolution (formerly Midigator)
Atlanta, GA

SOFTWARE ENGINEERING TEAM LEAD — *Aug 2023 - Jan 2025*

- 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*

- Deveolped 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 gether 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

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

Home Depot Marketing - Category Experience
DATA MINING/APPLICATION DEVELOPER CONRACTOR

Atlanta, GA

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
JUNIOR PROGRAMMER/DATA ANALYST

Ames, IA

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
DATA ANALYST

Atlanta, GA

May 2018 - Aug 2018

- Performed cursory financial analysis of prospecitve 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
STUDENT TEAM LEAD

Ames, IA

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
TEAM MEMBER

Ames, IA

June 2015 - June 2016

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

Education

Iowa State University of Science and Technology
B.S. IN BUSINESS ECONOMICS

Ames, Iowa

May 2019

- GPA 3.11