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.

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

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

Home Depot Marketing - Category Experience
Atlanta, GA

Data Mining/Application Developer Conractor
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 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
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

Iowa State University of Science and Technology
Ames, Iowa

B.S. in Business Economics
May 2019

- GPA 3.11