Matthew Perreault

Software Engineer

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Professional Summary

Respectful self-motivator gifted at finding reliable solutions for software issues. Experienced in full-stack development, Data Engineering, DevOps engineering and offering skills in Kubernetes and cloud native design. Accustomed to working with cross-cultural, global teams.

Work History

2023-01 - Current

Software Engineer

Workiva - Cloud/Kubernetes Infrastructure, Denver, CO

- Worked with software development and platform operation team members to design and develop robust global AWS cloud and Kubernetes infrastructure to meet client requirements for up-time, functionality, scalability, and performance.
- Increased experience with Kubernetes, Docker and Amazon Web Services.
- Established industry best practices such as AWS Well-Architected framework to maintain operational, performance and security excellence while cutting cloud costs by 30%.
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations

2021-10 - 2023-01

Software Engineer

Workiva - Platform Operations, Denver, CO

- Build SOC compliant container native CI/CD platform scaled to support over 100 development

Skills

AWS (Solutions Architect)

Docker

Git

Golang

Kubernetes

MySQL

Python3

PostgreSQL

TypeScript

Data Warehouse (Redshift)

Terraform

teams

- Established proper software design patterns to implement cohesive REST APIs using FastAPI in conjunction with OpenAPI frameworks
- Increased developer productivity by creating intuitive front end using material design with AngularJS framework with Typescript
- Saved company hundreds of thousands of dollars by replacing previous CI/CD system
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations

2019-05 - 2021-10

Data Engineer

Workiva - Data Management & Analytics, Denver, CO

- Designed and built highly available AWS cloud infrastructure for managing mission critical operations data accounting for 20% company's revenue. Implemented with tools such as S3, Kinesis, Glue, and Redshift
- Deployed and maintained data warehouse driven by proper data modeling for more intuitive workflow to downstream users such as business intelligence engineers, data scientists, and machine learning engineers
- Delivered projects for systems integration between SaaS apps and data warehouse / data lake
- Maintained strong testing posture throughout ETL pipeline validating data at each step
- Analyzed proposed technical solutions based on customer requirements

2018-05 - 2019-05

Software Engineer - Intern

Workiva - R&D, Denver, CO

- Developed and maintained micro-service platform
- Experienced in client-side, service-side, and message-passing platform technologies
- Participated in Scrum Agile development techniques to reach delivery goals over 75% on per sprint basis.
- Consistently implemented testing solutions for production code

- Collaborated effectively with members of software development team and personnel in other departments.

2016-02 - 2017-05

Technical Specialist

T-Mobile, Colorado Springs, CO

- Condensed customers' needs into clear technical steps towards solutions decreasing returned customer calls by %15
- Guided non-technical customers on how to troubleshoot difficult technical issues to improve customer experience
- Deescalated customers with advanced software issues – focused on Android / iOS and network troubleshooting

Education

2016-09 - 2019-05

Bachelor of Science: Computer Science

University of Colorado At Colorado Springs - Colorado Springs, CO

GPA: 3.6