

CHASE MARINO

SOFTWARE ENGINEER



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ChaseMarino.com

EMPLOYMENT HISTORY

SOFTWARE ENGINEER II

Proliant | Aug 2022 - Present

- Led development of project branch for a large, high throughput system.
- Explored, performance tested, and developed API and message streaming based microservices using NodeJS, Python, Golang, and C#
- Evaluated technology implementations and reported findings to C-level executives

SOFTWARE ENGINEER (INTERN)

Datto | May 2022 - Aug 2022

- Implemented containerized services including Benthos, RabbitMQ and Go using Skaffold and Helm to deploy to staging Kubernetes clusters. Captured metrics and created appropriate views using Prometheus and Grafana
- Quickly became a top contributor on the team, despite having very little experience with the tech stack

SOFTWARE ENGINEER (INTERN)

Ultimate Kronos Group | May 2021 - May 2022

- Researched, designed, and implemented services and features such as web-app components (Angular) and container orchestration (Argo / Camunda)
- Helped organize, plan and develop a project to track a development teams efficiency using Python, GCP, SQL, and Looker BI tool. Coordinated cross-team meetings
- Received management and business training through one-on-one mentorship with senior director

EDUCATION

BS SOFTWARE ENGINEERING | 3.5 GPA

Rochester Institute of Technology

- Business Administration Minor

TECHNICAL SKILLS

SOFTWARE PROCESS

- Architecture Diagramming
- Agile Methodologies
- Requirements management
- Version Control (git)

DEVELOPMENT

- Message Streaming and queuing
- Rest API's
- GraphQL
- SQL

DEVOPS

- Kubernetes
- Docker / Containerization
- Cloud Platforms(GCP/AWS)
- CI/CD
- Linux systems

PROJECTS

AUTONOMOUS DRONE PROJECT, TECH LEAD (SPONSORED BY BAE SYSTEMS)

Java, Java(Android App), RabbitMQ, Python, Protobuff, DJI Drones | Aug 2022 - May 2023

- Worked with Client to repurpose existing systems and define requirements for multiple interacting systems
- Researched, architected, and developed efficient, modular, and scalable services including message routers, route scaling algorithm, and flight monitoring UI

CONTAINER ORCHESTRATION POC (WORK)

Argo, Camunda, Docker, Kubernetes, Kafka, .NET | Nov 2021 - May 2022

- 'De facto' lead developer of a research project to architect and implement two different workflow engines under architecture and schedule constraints
- Specifically developed the workflows, .NET worker service to consume messages and begin Kubernetes jobs, and helped configure GCP environments