CHASE MARINO
SOFTWARE ENGINEER

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in /chase-marino

EMPLOYMENT HISTORY

SOFTWARE ENGINEER II   **Proliant** | Aug 2022 - Present

- Director of a branch in a long-term development project for a large, high throughput system. Explored, performance tested, and developed API-based microservices
- Evaluated language implementations, coordinated cross-company meetings, 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
- 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
- Java
- Python
- C / C#(.NET)
- React / Angular
- Go

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