

JACK OPORTO

SOFTWARE ENGINEER

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EXPERIENCE

Staff Software Engineer I

Applied Research Associates

2023-Present

CI/CD

Kubernetes

Helm

Rust

- Implemented project-wide application and Helm chart versioning, improving release traceability across 20 services and enabling reproducible deployments.
- Standardized hardened runtime images across three supported languages, replacing inconsistent base-image versions with a controlled baseline for streamlined production approval.
- Reduced classified deployment turnaround from approximately 3 business days to 1 hour.
- Led recovery efforts during customer demonstrations, coordinating cross-team diagnosis and redeployment of critical fixes within hours.
- Built Rust microservices that expose proprietary C++ capabilities within the platform's evolving service architecture.

Junior Software Engineer

Applied Research Associates

2022-2023

Angular

Typescript

Scrum

- Developed frontend features in Angular for a brownfield web implementation and evolution of existing ARA desktop software.
- Collaborated with internal and external teams to gather requirements and contribute to the direction of the product's UI.
- Managed the team's scrum board and coordinated on-time delivery of each scheduled customer test build.