Jason Dip

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SKILLS

Languages – Python, C++, Javascript

Tools – Docker, Kubernetes, Kafka, RabbitMQ, gRPC, Protobuf, Jenkins, Redis, React, Next.js, Node.js, Git

EXPERIENCE

Senior Software Engineer – Raytheon Technologies   May 2021–Present
- Active TS/SCI clearance
- Designed and developed microservices for monitoring and controlling datacenters
- Designed and developed a scalable, extensible service for message translation and successfully used it to integrate the company's monitoring system with a partner company's system to enable collaborative efforts
- Designed, developed, and managed a small team on a dashboard application to display system alarms
- Continually improved the internal microservice template, tools, libraries, and processes which improved the developer experience and accelerated development time
- Delivered presentations for stakeholders, demonstrating the features and benefits of the team's services
- Provided mission support by managing software releases, assisting deployments, debugging services in the SCIF, and suggesting improvements to systems and processes
- Managed merge request processes to maintain high quality codebases and documentation
- Assumed team leadership responsibilities such as serving as a point of contact for support and questions, onboarding new members, unblocking teammates, and managing task prioritization

Application Engineer II – Marvin Test Solutions   May 2016–Oct 2019
- Developed firmware for an aircraft testing product
- Developed an inventorying system and application for tracking equipment location, history, and other info
- Developed drivers to interface with third party equipment and integrated them to automated test systems
- Developed new features, fixed bugs, and improved documentation for the company's catalog of products
- Provided technical support to customers in gathering system requirements and in application design
- Instructed classes on developing software & tests and continuously improved the training material

EDUCATION

Master of Science in Computer Science   2022–2025
Georgia Institute of Technology

Bachelor of Science in Electrical Engineering   2011–2015
California State Polytechnic University, Pomona

PROJECTS

Bookmarker – bookmarker.JasonDip.com
- A web app for saving and sharing bookmarks

Timer – timer.JasonDip.com
- A web app Pomodoro timer to help increase productivity and focus