Nick Wade

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My goal at any company is finding technical solutions to business problems. I have an affinity for CICD, automation, and general SRE work. I love learning new technologies, meeting new people, and finding out why I'm wrong. I've got experience working with everything from embedded Linux systems to Kubernetes clusters.

Skills

Programming Languages - C# (2 years), C++ (3 1/2 years), Python (1 1/2 years), Java (1 year), Ada (2 years), and Bash (2 years)

Infrastructure - Baremetal, AWS, GCP, Kubernetes (EKS/RKE), Prometheus, Grafana, Saltstack, and Ansible

CICD/Testing - NUnit, MSTest, GTest, Vegeta, Locust, Jenkins, Sonar C#, Coverity

Other Tools - Atlassian Confluence/Jira, Rational Doors, Various Microsoft Office Products, and Visual Studio/Eclipse/Jetbrains IDEs

Currently

I am a Staff Software Engineer working on Mission Systems programs @ Collins Aerospace. I provide support to both software and systems teams, helping with everything from product integration and configuration control to internal tool development.

Education

Bachelor's Degree, Computer Science, Mount Mercy University   2014-2018

Jobs

Staff Software Engineer, Collins Aerospace   05.2020 - Current

Assisted with creation/support of development and verification tools for Mission Systems programs. Contributed to CICD environment to allow for more rapid integration cycles in lab. Assisted with integration of product at a system level.

Software Development Engineer IV, GoDaddy   03.2020 - 05.2020

Lead software design/architecture phases for new projects being developed within the team. Included software/infrastructure prototype work, wireframes/mockups, cross-team integration/communication, and requirement gathering efforts. Lead the push for team wide design reviews early on in the software development cycle.

Software Development Engineer III, GoDaddy   03.2019 - 03.2020

Prototyped infrastructure move to AWS cloud offerings. Maintained/refreshed on premise Kubernetes cluster, MongoDB/Redis deployments, and Jenkins based CICD pipeline. Lead effort to transfer ownership of an externally developed API to within the team. Primary developer integrating teams APIs/services with new e-comm system.

Software Development Engineer II, GoDaddy   04.2018 - 03.2019

Developed/deployed on-premise Kubernetes cluster, using the platform to provided standardized logging/monitoring/high availability for team owned applications & services. Developed standardized CICD pipeline that provided static analysis, docker image creation, and automated push/rollback based integration test results. Primary developer on several new APIs endpoints and

department wide tools. Served as secondary developer on several new web
and electron applications.

Senior Software Technician, Rockwell Collins   05.2015 - 04.2018

Maintained/improved platform CICD for A350 xRM & SDM modules. Worked
new feature implementation/bug analysis and fixes for both platforms.
Supplied estimates and prototypes for new feature proposals for both
platforms. Worked closely with systems engineers to improve testing process
and verify all new features.

Sofware Engineer, Genova Technologies   05.2014 - 04.2015

Developed new features/supplied bug fixes for embedded Linux & VxWorks
A653 platforms. Worked integration with platform customer to ensure proper
requirement fit/implementation. Deployed new development environment
including system wide unit tests, code styling/formatting on compile team, and
streamlined image deployment.

Software Co-op, Rockwell Collins   05.2012 - 04.2014

Worked testing and performance analysis for Proline 21 display software.
Managed lab for A350 software module, performing chair setup, software
deployments, reproducing customer bugs, supplying software fixes, running
software verification, and doing performance analysis.

Software Intern, Rockwell Collins   08.2010 - 05.2012

Worked as a high school intern for Rockwell Collins. Contributed to a variety
of internal tools in C++/Python/Java.