

DAVID FASTJE

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EXPERIENCE

Monster Government Solutions

Nov. 2020 - July 2024

Senior Developer

Remote

- Designed and implemented secure integration between in-house application and multiple SAAS tools
- Designed and developed IaC for applications using CFT and Shell scripts
- Maintained IaC scripts to stay in compliance with FedRAMP cloud security standards
- Designed and established branching and quality control practices for source control migration
- Tech Stack: AWS, CFT, Java(Spring), RHEL7/8, Tableau, MySQL & Oracle DB, Node.js, Jenkins, Groovy, Docker, Git

Kinsale Insurance

Feb. 2019 - Nov. 2020

Lead Full Stack Developer

Remote & Richmond, VA

- Mentored new developers in the use of all technologies and design patterns
- Designed and implemented financial booking process for insurance policies
- Led team in establishing standard agile and development practices
- Maintained and improved Kinsale's primary revenue generating application
- Identified, diagnosed, and patched performance bottlenecks in distributed system
- Provided guidance in key cloud architecture decisions for designing resilient systems
- Tech Stack: Java(Spring), Typescript(Angular), Oracle DB(PL/SQL), AWS, Tomcat, REST & SOAP, Git, Docker, Centos

Capital One

Aug. 2017 - June 2018

Software Engineer, Senior Associate

Richmond, VA

- Primary developer for multiple event-based microservices
- Incorporated regression testing & security scanning into CI/CD pipeline's code quality validation
- Developed two Java libraries used across multiple teams and applications for security and code reuse
- Re-tooled product with microservice architecture to comply with security standards
- Implemented CI/CD pipeline with Jenkins in several microservices
- Identified critical security vulnerability in production system
- Tech Stack: AWS, Java(Spring), Docker, Jenkins, Groovy, AL2, Cassandra, Git

General Motors

June 2015 - June 2017

Java Developer

Chandler, AZ

- Contributed to development of mission critical supply chain and warehousing applications
- Administered continuous integration and code quality tools for team using Jenkins and Maven
- Directed branching and merging of code for several simultaneous development life cycles (TFS & SVN)
- Managed and maintained all WebLogic and Tomcat web application servers for team
- Led development of kiosk webapp module for warehousing project
- Internally certified as build engineer & DevOps expert
- Tech Stack: Java(Spring), JavaScript(AngularJS), OracleDB, Tomcat, WebLogic, Jenkins

Center for Gamma-Ray Imaging

May 2011 - May 2015, 1 Year Hiatus

Research Assistant

Tucson, AZ

- Validated experimental results by designing and coding Monte-Carlo simulations using MATLAB
- Acquired and analyzed large data sets from experiments using C, MATLAB, and Labview
- Authored/co-authored many research papers: [1](#), [2](#), [3](#), [4](#), [5](#), [6](#), [7](#)

EDUCATION

University of Arizona *B.S. in Physics; Minor in Mathematics*