

# DAVID FASTJE

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## EXPERIENCE

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### Monster Government Solutions

Nov. 2020 - July 2024

*Senior Developer*

*Remote*

- Designed and implemented 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, RHEL, Tableau, MySQL & Oracle DB, Node.js, Jenkins, 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

### Capital One

Aug. 2017 - June 2018

*Software Engineer, Senior Associate*

*Richmond, VA*

- Primary developer for multiple event-based microservices
- Incorporated regression testing 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

### General Motors

June 2015 - June 2017

*Java Developer*

*Chandler, AZ*

- Contributed to development of mission critical supply chain and warehousing applications using Java (Spring), SQL, JavaScript (Angular), Batch, Tomcat, WebLogic, IntelliJ, and Eclipse
- 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

### 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

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