

EXPERIENCE

- **DXC** New Orleans, LA
Oct 2018 - Present
 - **Senior DevOps Engineer**
 - **Platform DXC:** A data center and cloud Kubrenetes solution for enterprise cloud development, monitoring, automation, and workflows
 - * standardized build processes
 - * consolodated source code repositories
 - * standardized access to source code
 - * leveraged secrets management via HashiCorp Vault
 - * developed helm charts for deployment of tools
 - * provided centralized version controlled configuration
 - * implemented continious integration via Jenkins pipelines
 - * wrote custom resource definitions in python
 - * provided API wrapper for any other client deployed in Kubrenetes stack
 - * provided serverless access to exposed API layer via kubeless
 - **Domain Task Orchestrator:** Cloud based Kubrenetes tool to facilitate other tools to communicate with one another
 - * designed solution
 - * isolated workflows to directed acyclic graphs
 - * provided live demonstration for key milestones
 - * trained team in best practices
 - * replaced incomplete legacy solutions
 - * integrated into platform offering
 - **Train Junior Developers:** Provided ongoing training to other teams
 - * Git
 - * Python
 - * Kubrenetes
 - * Docker
 - * API via swagger
 - * Design Patterns
 - * Best Practices
 - * IDE customization and configuration
- **Baker Hughes** New Orleans, LA
Dec 2016 - Oct 2018
 - **Staff Build and Release Engineer**
 - **Platform Operations Advisor:** A cloud based (PREDIX) industiral IoT solution for Oil Platforms
 - * standardized build processes
 - * consolodated source code repositories
 - * standardized access to source code
 - * provided centralized version controlled configuration

- * implemented continuous integration via Jenkins pipeline
- * dockerized full stack
- * enforced gitflow change management
- * designed and implemented CA Rally based deployment strategy
- * consolidated legacy UAA configuration
- * automated PREDIX environment for deployment
- * designed visual representation to communicate processes
- * coordinated all build and release engineers for the project
- * setup portable and standardized development environment
- * enforced semantic versioning for all released artifacts
- * designed and implemented release process
- **Digital Pipeline:** A Cloud based (PREDIX) GIS industrial IoT solution for managing risk on pipeline networks via visualizing customer provided inspections information and real time sensor data
 - * built continuous integration server
 - * automated job creation via Jenkins jobs DSL
 - * coordinated all build and release engineers for the project
 - * dockerized development environment
 - * created and maintained source code repositories
- **Reliance:** Cloud based (PREDIX) real time monitoring of de-salter equipment used to alert operators of potential upsets based on sensor data and historical trends
 - * leveraged existing continuous integration server
 - * cleaned up existing Bamboo based jobs
 - * coordinated all build and release engineers for the project
 - * rewrote build scripts to use best practices
 - * maintained source code repositories

- **GE Digital**
Senior Software Engineer

New Orleans, LA
 June 2016 - Dec 2016

- **Intelligent Pipeline Management:** Legacy datacenter based GIS industrial intranet solution for managing risk for pipeline networks visualizing customer provided inspections information and real time sensor data
 - * introduced jHipster to team
 - * train junior Software Engineer on SOLID practices
 - * wrote selenium driven test suite leveraging jBehave
 - * refactored legacy code base

- **GE Oil and Gas**
Senior DevOps Engineer

New Orleans, LA
 Mar 2015 - June 2016

- **Engage Drilling:** Customer collaboration portal to support offshore drilling industry with documentation, service, ecommerce, and Contractual Service Agreements.
 - * implemented Continuous Integration via shared Jenkins service
 - * composed Chef recipes for AWS infrastructure
 - * wrote kitchen based test suite for infrastructure
 - * wrote bash scripts for manual deployments to said infrastructure

- * migrated deployments from delivery based system to bash deployments
- * trained team on use of above
- * collaborated with corporate team for use of shared chef server

• GE Capital

New Orleans, LA

Senior Java Developer

Oct 2012 - Mar 2015

- **Commercial Distribution Financing:** Legacy GWT risk analysis calculator for commercial loans.
 - * added features from client to legacy code base
 - * removed bugs from legacy code base
- **SecureOS:** Recipes for secure operating systems to provision servers.
 - * architected full chef based solution for SecureOS footprint based on STIG ISOs
 - * implemented solution in chef
 - * trained team on solution
- **ESB layer for banks:** Service Catalog and shared SOA middleware for online banking solution
 - * architected full stack solution to replace legacy code
 - * implemented in JAVA using Spring guided by WSDL
 - * leveraged contract first best practices
 - * documented suggested deployment process

• Applied Enterprise Solutions

Slidell, LA

Java Developer

Feb 2012 - Oct 2012

- **Inventory program:** Software based Naval equipment program
 - * trained in best practices for java solutions
 - * implemented WSDL based backend methods
 - * extended functionality of existing code base

• U.S. Department of Energy

New Orleans, LA

Java Developer

Sep 2011 - Apr 2012

- **SAP:** Software to track learning of employees
 - * edited workflow to include development environment
 - * provided process for adding and replacing test content for end users
- **Sharepoint:** Microsoft made instance to share documentation
 - * implemented Java based migration software to move millions of files with folder based META into sharepoint
 - * ran said Java software for successful migration

PROGRAMMING SKILLS

• **Languages:** Ruby, JS, Java, bash, etc. **Technologies:** AWS, Cloud Foundry, Chef, Jenkins, etc.

EDUCATION

• Michigan Technological University

Houghton, MI

Bachelors of Applied Physics and Mathematics; GPA: 3.9

Aug. 2000 – May 2005

REFERENCES

Available upon request.