

## EXPERIENCE

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- **Baker Hughes** New Orleans, LA  
*Staff Build and Release Engineer* *Dec 2016 - Present*
  - **Platform Operations Advisor:** A cloud based (PREDIX) industrial IoT solution for Oil Platforms
    - \* standardized build processes
    - \* consolidated 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** New Orleans, LA  
*Senior Software Engineer* *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 selinium 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

*Senior Java Developer*

New Orleans, LA

*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

*Java Developer*

Slidell, LA

*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

*Java Developer*

New Orleans, LA

*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 sucessful migration

## PROGRAMMING SKILLS

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

## EDUCATION

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- **Michigan Technological University** Houghton, MI  
*Bachelors of Applied Physics and Mathematics; GPA: 3.9* *Aug. 2000 – May 2005*

## REFERENCES

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Available upon request.