

Bonita McCullough

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EXPERIENCE

SITE RELIABILITY / DEVOPS CLOUD ENGINEER

Houston, TX

05/2014 – present

- Implement application performance monitoring to ensure site uptime and performance
- Manage and track changes to web systems and monitoring platforms
- Constantly improve operational processes and efficiency
- Help support and manage a complex E-commerce infrastructure
- Automate, Automate, Automate
- Automate production operations processes
- Automate continuous integration and deployment processes

DEVOPS ENGINEER CLOUD FOUNDATIONAL SERVICES

San Francisco, CA

11/2010 – 12/2013

- Metric driven and focused on continual improvement
- Key focus on defining and implementing a logging strategy
- Key focus on defining and implementing a IAM strategy (federated login, single sign-on, multi-factor auth, role based access control, etc)
- Strong expertise in leveraging a wide variety of open source technologies
- Key focus on defining and implementing a monitoring strategy (metric collection, persistence, correlation, and use
- Automation is in your DNA
- System and IT Operations

CLOUD DEVOPS / OPERATIONS ENGINEER

Houston, TX

02/2006 – 06/2010

- Design, manage and maintain tools to automate engineering operations
- Design, build, implement and support CI/CD framework
- Build monitoring, supervision and resiliency mechanisms to observe, react to, and maintain platform health and performance
- Perform deployments, upgrades, configurations in a controlled, pre-production and production environment with tight operating perimeters
- Manage, review and strengthen physical and logical security of the platforms systems, data and access points
- Own and drive initiatives spanning multiple teams to automate engineering operations
- Member of the 24x7x365 on-call support team

EDUCATION

WEST VIRGINIA UNIVERSITY

Bachelor's Degree in Computer Science

SKILLS

- Ability to measure everything and look to improve engineering productivity and quality through automation
- Solid knowledge of at least one of the following programming languages: Java, JavaScript, C#
- Experience designing and implementing RESTful services, good knowledge of HTTP specifics
- Attention to details, high standards for quality
- Good knowledge of various networking protocols and terminology (TCP/IP, gateways, routers, firewalls, etc.)
- Awareness of how scalable, enterprise-level software system is designed (both on code and infrastructure levels)
- Comfortable inspiring and influencing leaders from the Bank IT of a new way of shipping software through Continuous Delivery
- Knowledge of most common software design patterns
- Comfortable working closely with a team of smart, passionate people to creatively solve complex problems
- 3+ years of experience designing and implementing software