James Brighter

Software Developer

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James Brighter

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Experience

Infostellar Inc / Agile Software Developer

JUN 2018 - PRESENT, MCLEAN VA

DevSecOps at Department of Homeland Security - United States Citizenship and Immigration Services

Development on MyEverify web application using Java, Microsoft SQL Server, Spring, JUnit

Using Docker to containerize application and its components to be deployed on AWS and OpenShift platforms

Rearchitecting Jenkins pipeline to automate the build and deployment process

Improving application stability and security with automated testing and scanning, e.g. Fortify, Sonarqube, Selenium

Revature Inc / Software Developer

JAN 2016 - JUN 2018, WASHINGTON DC

Java and AngularJS DevOps at Department of Homeland Security - United States Citizenship and Immigration Services.

Actively develop and test features on the Electronic immigration System (ELIS) site using Java, Hibernate, Spring, AngularJS, Oracle SQL, and JUnit testing framework.

Implemented multiple AngularJS directives for displaying and resolving background check data.

Architecture, design, and development on microservices using Spring Boot with Hibernate and PostgreSQL, built with Gradle and deployed in a Docker container to AWS Elastic Container Service via Terraform, or to OpenShift Container Platform.

Created bash and Groovy scripts in a Jenkins pipeline to manage build and deployment processes.

Production support efforts including NodeJS scripting to handle JMS errors.

Education

University of Pennsylvania / Bachelor of Arts

SEPT 2011 - MAY 2015, PHILADELPHIA, PA

Majors: Psychology and Computer Science

Projects

PHOTODUMP.XYZ

SEPT 2015 - PRESENT

Image dump website that allows posting of image links. Made with Java and AngularJS. Available at http://photodump.xyz.

BRICKBLASTER 6000

2015

iOS game that pits the player against an asteroid bombardment in space. Made with Cocos2D and Objective C.

TESORIO INVOICE ANALYTICS

2015

Web app for Tesorio LLC that allows for invoice data analysis to better predict when invoices should be paid. Made with Python (Django) and MongoDB.

Skills

PROGRAMMING

Java, JavaScript, jQuery, Angular 2+, Groovy, NodeJS, HTML, CSS, Python, C/C++

Some familiarity with iOS, Android, and Ruby on Rails development

TOOLS

Git, Eclipse, Bash, AWS, Docker, OpenShift, Jenkins, Gradle, Batch, ActiveMQ, Emacs, Vim, Terraform

Some familiarity with Confluent Kafka, Xcode, and Android Studio

DATABASES

Oracle SQL, PostgreSQL, Microsoft SQL Server

OTHER

DevSecOps, test-driven development, agile methodologies including scrum and kanban, service-oriented and microservice architectures, RESTful APIs