

Software Engineer/Software QA Engineer/Software Developer

Education

- Elizabeth City State University, Elizabeth City, NC
B.S. Computer and Information Science
GPA:3.45
Graduated May 2018

Professional Overview

- Proficient in the field of DevOps/Agile operations process and tools, with expertise in code review, unit test automation, Build & Release automation.
- Specializing in Agile methodology and the implementation of Continuous Integration (CI) and Continuous Delivery (CD).
- Experience in creating and implementing Python scripts to streamline the deployment process.
- Extensively worked with automation tools such as Jenkins to implement and deploy the End-to-End Automation.
- Efficient in building Object Oriented applications using Java.
- Experience in integrating Unit Tests and Code Quality Analysis Tools like Junit tests, as well as searching for bugs, debugging, and check style and tracking systems like JIRA.
- Experience with Virtual Machine/Cloud environments and scripting for Build & Release automation tests.
- Adaptable, Flexible, Outstanding communicator individually and as part of a team, amazing interpersonal skills, team-working attitude, takes initiatives and very proactive in solving problems and providing the best solutions. Able to work efficiently independently while also being a valuable team player.

Professional Skills

- **Programming/Scripting Languages-** Java, C++, Python, UNIX, JSON, XML, HTML, JavaScript, WEKA, Ruby, MATLAB, Objective-C, R
- **Operating Systems-** VirtualBox
- **Networking-** RESTful API, SSH, TCP/IP, VPN
- **Database-** MySQL
- **Build/Release (CI/CD):** Jenkins, Maven, Git, JIRA, Confluence, Selenium

Professional Experience

- **Freelancer/Entrepreneur** (June 2020-Present)
 - Created automated systems and workspaces using Podio along with GlobiFlow (PHP) to speed up cumbersome manual tasks.
 - Experience writing and execution of PHP scripts to automate the deployments.
 - Automated completing property purchase contracts, rental leasing contracts by utilizing Globiflow (PHP)
 - Automated marketing to different leads for conversion/sales

- Automated real market data by using Zapier for API calls from various sources.

- **International Business Machines (IBM)** (June 2018-June 2020)

Role: Software Engineer

- Designed fresh testing frameworks and modernized existing ones by utilizing Cucumber.
- Utilized Virtual Machines (RedHat) for collaboration purposes during code reviews while using JIRA software for collaboration amongst teams in the organization.
- Tested functionality of web applications with HTML and CSS for UX manual/automated tests
- Worked in designing and implementing continuous integration systems using Jenkins environment.
- Designed and implemented Continuous Integration and Continuous Deployment frameworks from code to deploy using Jenkins, GIT, and harness tools.
- Created branches and merges in GIT.
- Experience with JIRA that included managing tickets raised, bug tracking, generating reports and collaborating with other team members to solve problems.
- Maintain and track deployments using Jenkins and review to ensure all test ran, and set alerts when tests fail.
- Solved blocked and unassigned tickets.
- Involved in SCRUM meetings, product backlog and other scrum activities.

- **Princeton University** (June 2017 – August 2017)

Role: Data Scientist

- Utilizing Python and R, created an algorithm to learn about the mutations within the community of the African Fruit Fly
- Utilized Mathpy package (Python Package) which is a collection of mathematical and statistical functions to visualize data using charts and graphs.
- Recognized discrepancies between DNA genetic code sequence which was used to spot mutations among the African fruit fly species using algorithms.
- Presented research findings in front of faculty and mentors.

- **NASA Research Center** (June 2016 - August 2016)

Role: Front-End Web Developer

- Created a website to display the information in the Atmospheric Science Data Center Product Availability Web Tool.
- Utilized JavaScript, HTML, and CSS tools.
- Utilized NASA APIs to pull real, scientific data to the website.