

# Jamall Harris

[harrisjayjamall@gmail.com](mailto:harrisjayjamall@gmail.com) | <https://jharri34.github.io/> | <https://github.com/jharri34>

## Skills

---

Java, Microservice, AWS, Spring Framework, Kubernetes, Docker, Devop, Helm, CloudFormation, Terraform, Ansible, Prometheus, Grafana, Selenium, Cucumber, Bamboo, Azure, GCP, Octopus, Vagrant, Heroku, React, Angular, Sass, Jekyll, Python, Django, Flask, Grails, Groovy, PostgreSQL, MongoDB

## Experience

---

**Research Scientist**, GTRI— Atlanta, GA Nov 2018 – Nov 2023

- Led development, containerization, orchestration, and deployment of medicare/medicaid middleware to AWS using Java, Kubernetes, Docker, Groovy, Spring Boot, and PostgreSQL
- Created CI/CD pipeline with Jenkins, Bitbucket, Jira, and Confluence
- Managed Docker image in Helm repositories, and automated infrastructure setup and teardown with Terraform and CloudFormation, Ansible, Terraform.

**SDET/Automation Engineer**, BBVA Compass— Birmingham, AL Oct 2017 – Nov 2018

- Created automated tests using Gherkin, Java, Selenium, Maven, Cucumber, and TestNG.
- Design and Setup Bamboo for continuous integration, running nightly automation scripts
- Automated Tests for REST API using Java RestAssured, Cucumber, and TestNG
- Created mobile app testing w/ Appium for native, hybrid, and web apps on Android and iOS devices using.

**Founder**, Absolute Infinity LLC – 2014 – Current

- Built a deliverability platform leveraging Python, and AI to identify images and automatically generate captions.
- Developed AI-powered solutions to intelligently sort, manage, organize images efficiently using local ai models
- Developed an AI-powered assistant to automated social media presence by generating personalized content, including posts, captions, and responses, to maintain engagement at scale.

**Software Developer**, University of Alabama – Birmingham, AL June 2013 – Mar 2017

- Full Stack development for web and mobile apps, utilizing Java, C#, Python, and Bash.
- Developed GEO-tagging software for the FBI to analyze phishing scams, leveraging Java for backend programming and data analysis.
- Created multiple iOS and Android applications, Cancer Resources App, PEACE-P, and MAXX Bus Routes, using C#, Android, and Phonegap technologies.
- Implemented a sequencing algorithm within a shared computing cluster, utilizing Python, Perl, Bash, and Java with the Slurm job scheduler

## Projects

---

**RISE UP** <https://github.com/jharri34/RiseUp>

- A civic platform helping users find local elections and representative through open data initiatives

**NGHBR** <https://github.com/Melanin-Rich-Manifesto/NGHBR->

- A secure, decentralized app empowering communities with resources secure communication and economic independence tools

**Surge** <https://github.com/jharri34/surge>

- Real-time heatmap using AI to help users connect with other sharing similar interests and values

## Education

---

**University of Alabama** – BSc in n Computer Science & Electrical Engineering Mar 2017