

# Asia R. Hall

FULL STACK DEVELOPER · CI/CD EXPERT

1002, W Summerfield Glenn Cir, Ann Arbor, MI

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## Summary

Eager and accomplished Java developer seeking a position continuously increase tech stack, develop strong, high-performance applications supported by a thorough test base, and bring a charismatic, hard-working, and good-humored attitude to future teams and employers.

## Tech Stack

### BACKEND

Java 8, Spring Framework  
JUnit 4, Mockito, RestAssured  
SQL, MongoDB, GraphDB, Liquibase.  
Apache Kafka, RabbitMQ, SonarQube  
NGINX, Apache, Slack

### FRONTEND

Angular 7, NodeJS, PrimeNG  
Jasmine, Karma, Selenium  
Typescript, SCSS, HTML  
InVision, Materail UI  
npm, Chrome Developer Tools

### DEVOPS

Groovy, Python  
Cloud Foundry, JMeter  
Swagger Docs, IntelliJ Idea, git  
Splunk, Dynatrace  
Jira, Gradle, Checkmarx

## Experience

### Ford Motor Company

FULL-STACK SOFTWARE ENGINEER

Taylor, MI

Feb 2018 - Present

#### BACK END NOTES

- Built microservices for storing software, managing applications and application-software relationships and dependencies, performing updates to applications and software, and releasing applications and software for use in vehicles.
- Created service to produce valid test files of user-specified sizes with parsable headers.
- Developed methods to parse file headers and stream the files accordingly to different endpoints.
- Set up flagging system to determine required attributes of files for front-end editing and release.
- Implemented process for updating files based on versioning using a software differential generator to reduce software update times.

#### FRONT END NOTES

- Built UI for managing storage, packaging, dependencies, and delivery of software and software updates.
- Improved consistency across UI by componentizing features used in multiple locations to be utilized globally, implementing modes to allow for location-based behavior and display differences.
- Improved performance/page and element loading by implementing selectable tables using lazy loading to replace performance-heavy drop-downs.
- Designed and implemented selectable tiles with selected, active, and disabled modes.
- Created directives to allow for in-line editing.
- Reduced network call lag using results paging.
- Carved prize-winning Death Star pumpkin for department-wide Halloween carving contest while wearing inflatable T-rex costume.

#### DEVOPS NOTES

- Programmed automated deployment pipeline to perform blue-green deploys, with gateways for engineer-triggered green deploys to the dev, qa, and performance environments and product manager-triggered green deploys to the prod environment, with automatically triggered blue-green swaps and re-routing.
- Built Splunk dashboard for application monitoring, such as network call monitoring, user-specific activity, file analytics, and error tracking, using regex to parse desired tracking fields from logs.
- Automated deploys of applications/services to Pivotal Cloud Foundry through Jenkins, including stages such as builds, unit testing, integration/contract testing, and gateways to trigger those builds.
- Built pipeline for setting up environments and user access in Pivotal Cloud Foundry.

### Ministry Brands - ParishSOFT

AUTOMATION ENGINEER

Ann Arbor, MI

June. 2016 - Dec. 2017

- Designed and Developed automated regression test suites using Java and Python-based Selenium for microservice deployments.
- Wrote JUnit tests to maintain 90 - 95 percent code coverage.
- Presented optimization reports in DevOps meetings to target performance weaknesses and improve user experience through suggested enhancements.

### Eastern Michigan University

IT TECHNICIAN

Ypsilanti, MI

Feb. 2012 - April. 2014

- Provided support and assistance for classroom computers and equipment.
- Performed malware removal and hardware support for university-issued computers.
- Performed software maintenance and reimagining of lab computers and rented/faculty laptops.

## Education

### Eastern Michigan University

BACHELOR OF SCIENCE IN MOLECULAR BIOLOGY

Ypsilanti, MI