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	FRONTEND	DEVOPS
Java 8, Spring Framework	Angular 7, NodeJS, PrimeNG	Jenkins, Groovy, Python
JUnit 4, Mockito, RestAssured	Jasmine, Karma, Selenium	Cloud Foundry, JMeter
SQL, MongoDB, GraphDB, Liquibase.	Typescript, SCSS, HTML	Swagger Docs, IntelliJ Idea, git
Apache Kafka, RabbitMQ, SonarQube	InVision, Materail UI	Splunk, Dynatrace
NGINX, Apache, Slack	npm, Chrome Developer Tools	Jira, Gradle, Checkmarx

Experience

Ford Motor Company
Taylor, MI

FULL-STACK SOFTWARE ENGINEER
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.

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
Ann Arbor, MI

AUTOMATION ENGINEER
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
Ypsilanti, MI

IT TECHNICIAN
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
Ypsilanti, MI

BACHELOR OF SCIENCE IN MOLECULAR BIOLOGY