

Ashley Hendrickson | Java Engineer

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Ford, Dearborn | MI July 2021 - Present

Spring boot developer

work with the global ordering and Logistics team

Develop backend microservices for global vehicle trade, validating specific features to ensure that a vehicle exist before a order is placed. To log data I used a aspect oriented approach such as AspectJ and spring properites.

Hibernate and persistence is used interact with the database and rabbit MQ and Apache Kafka is used to handle different Queues. unit test are handled using mockito, version control is handled by github and gradle automates builds and manage dependencies. Use the SOLID principles of Object Programing when writing code

I helped migrate my team from accurv to a github workflow approach

Initech global , Grand Rapids, MI | May 2019 - April 2021

Full stack developer

Software consultant

The projects I worked on were as follows:

APES

Apes was my first client project made for Amway, this project was a intenral application that allowed the client to monitor and add financial documentation. I helped migrate from the old application that used a j2ee framework to a Angular front end and a spring boot backend supported with multi modularized maven application to help scale and maintain the application.

I also integrated a few AWS internal lambdas for some of the batch processes using AWS cdk.

MyInitech

mInitech was my first non-intern internal project, it was a all purpose tool used by the company to monitor and organize internal projects, staff, timesheets, vacation days, project documents, and more. The old application using plain javascript and was hosted with JSP. I helped migrate the front end to a new Angular front end. I also fixed existing bugs on the older monolithic spring boot backend.

HOA

HOA was my first project as a intern, this application was a HomeOwners Association application that could be used by the landlord to keep track of tenants whether they paid or not, if they had complaints, and what

properties are being occupied as well as damages. I used Angular to help develop the front end and spring for the backend.

Acquired Skills

- Reactive streams and RxJava for functional asynchronous requests.
- Jira and Trello for managing tasks for Agile development with two-week sprint intervals
- Sourcetree and GitHub for version control.
- Angular with typescript
- properly maintained angular component state and life cycle hooks.
- Material UI, Bootstrap, CSS, SCSS, HTML, Material Icons, FlexBox, Grid Layout
- Testing and auto-generating REST API with swagger
- Building an effective and efficient SpringBoot back-end using JDBC, JPA to interact with an SQL database.
- MySQL DBeaver to migrate, organize and create a database
- Multi-Module maven project for managing application dependency
- Integrated AWS Lambda into the CDK while using cloud watch for debugging

Education

Grand Valley State University, *Allendale MI Bachelor of Computer Science* | April 2020

About Me

I have passion for crypto currencies specifically bitcoin I have implemented a HD wallet using BIP 84 in [rust](#) and using bitcoinJ.

 [Coding with Bitcoin part 2 | Create a HD Bitcoin Wallet in rust](#)

click the link above to view my bitcoin tutorial

links

- linkedin <https://www.linkedin.com/in/ashley-hendrickson-92746b172/>