

CHRISTOPHER COPELAND

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Professional Summary

Full Stack Developer with experience in building multi-layered applications. Created various websites using Angular, Bootstrap and JavaScript. Utilized Spring Boot and Java Servlets for server-side implementations. Collaborated in team environments to create a RESTful application.

- Adept experience with **HTML**, **CSS**, **Bootstrap**, **Spring Boot**, **JavaScript**, **Angular**, **Hibernate**, **JDBC**, **PostgreSQL**, and **Java**.
- Designed **HTML** pages utilizing **CSS** and **Bootstrap** based on HCI principles.
- Implemented a **Bootstrap** framework to create responsive websites.
- Utilized **JavaScript** to give functionality to web pages.
- Employed the **Angular** framework to swap views in the application.
- Implemented SHA-256 in **Java** as server-side security validation.
- Crafted the application to follow **REST** standards.
- Managed tables in database layer through **PostgreSQL**.
- Configured **JDBC** and **Hibernate** to pass data to the database.
- Experienced unit testing via **Junit**, **TestNG** through **Maven**.
- Worked in team environments while utilizing **Agile** practices.
- Deployed projects on a CI pipeline using **Git**, **Jenkins**, and Amazon **Web Services**.
- Managed **Java** project implementation through **Maven**.

Education

B.S Computer Science / Kean University July 2018

Development Methods & Tools

Agile Development | Test Driven Development (TDD) | Object Oriented Design | Human Computer Interaction (HCI)

Tech Stack

Java, JavaScript, Git, Angular, Bash, Spring, Hibernate, HTML, CSS, Linux, PostgreSQL, Bootstrap, AWS, Jenkins, Concourse CI, Docker, Junit, TestNG, Selenium, Maven, Python.

Experience

Revature

Software Developer | Tampa, FL | April 2019 – July 2020

Developed multi-layered applications using various technologies. Created and maintained AWS infrastructure with Jenkins pipeline integration.

Contributions:

- Managed Git to validate pull request and solve merge conflicts
- Coordinated an infrastructure using AWS and Jenkins with Slack integration
- Engineered front end UI elements based on Human Computer Interactive Design

Project Names:

- Revature Project Manager (RPM)
- Revature Food Emporium
- Expense Reimbursement System

Accenture (Contracted by Revature)

Software Test | Englewood, CO | April 2019 – July 2020

Performed Regression, API, load testing on numerous applications using primarily automated testing methods. Validated and verified new features and changes needed to be deployed and standardized testing process.

Contributions:

- Automated test suites to run in Concourse CI
- Recognized for creating concourse pipelines and teaching fellow peers how to create pipelines
- Improved documentation of QA testing practices to enhance their repeatability, clarity, and encourage a testing standard

Publications

C. Copeland, P. Morreale, and J. Li, “M-Health Application Interface Design for Symptom Checking”, Proceedings of the 10th International Conference on e-Health 2018 (EH 2018), Madrid, Spain, July 17-19, 2018, to appear.