

Summary:

- Over 2 years of experience as a **Java Full stack developer** in development of performance critical, Scalable web applications as well as Frontend and middleware component.
 - Valuable experience in JavaScript frameworks like **Angular 5**, NodeJS, Ionic 3, jQuery, Rxjs especially AJAX driven web applications.
 - Experience in Unit testing, Integration testing using Junit, within **TDD (test driven development)**.
 - Expertise in developing data models using **Hibernate Annotations** and **Spring Data** to reduce time at the configuration level.
 - Proficient in Data Structure, Collection Optimization (primitive collection) and Multithreading, Object & Aspect Oriented Programming(OOP) and Design Pattern.
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Education:**Bachelor's in computer science engineering***State University of New York at New Paltz, New Paltz, NY*

- GPA: 3.05

Relevant Course: Object Oriented Programming, Programming and Data Structure, Foundation in Computer & Data Science, Software Engineering, Web Programing, Assembly Language.

Technical Skills:

Programming languages and Scripts	Java, J2EE, JavaScript, HTML, HTML 5, CSS, XML, PL/SQL, HQL, TypeScript, Python, C#, NodeJs.
Database	Oracle, DB2, SQL Server, MySQL, Mongo Db, Google fusion table.
IDE Tools	Eclipse, Visual Studio Code, Android studio.
Web Servers	Apache Tomcat 9.
Frameworks / APIs / Tools	Spring-boot, Spring core, Spring AOP, AspectJ, Spring Security, Spring MVC, Spring Email, Spring JMS, Spring Cloud, Spring Core, Spring REST, Angular 5, Maven, Gradle, Log4J, Ionic 3, Log4j, WEB-SERVICES (REST, SOAP, WSDL), GIT, Maven, bootstrap 4.
Web Services	SOAP/WSDL, REST.
Version and Source Control	GIT
ORM	Hibernate, JPA, Spring Data, Spring JDBC.
Operating Systems	Windows, Mac OS X, UNIX, LINUX, Solaris

Experience:**State University of New York-Android+Java Developer (Internship) January 2018 - May 2018.**

Description: A group of six members made the application which helped the users to locate and connect them to nearby service providers. The users will be able to use filters to narrow down their search for education, finance, housing etc.

Responsibility:

- Front-end was developed in android studio using XML and Java.
- Designed and developed a Restful APIs in **Spring-boot** for different modules in the project.
- Data Operations are performed using Spring ORM wiring with **Hibernate** and Implemented Hibernate Template and criteria API for Querying database.
- Implemented the security for service layer methods using Spring Security.
- Developed repository layer which can communicate with MySQL using Hibernate 4.0.
- Configured **Hibernate second level cache** to reduce the number of hits to the configuration table data.

- Developed data models using Hibernate Object relational mapping (ORM) framework and also used Hibernate Annotations to reduce time at the configuration level.
- Used **Maven** for build & manage the dependency for the REST API and **gradle** to build the android application.
- Testing of web-API was done with Junit, Post-man. Front-end testing with JUnit.
- **IDE** - Android Studio | **Framework** - Spring-boot, Spring, Android SDK | **Testing** – Spring, Junit, POSTMAN | **Language/Scripting** - Java, XML | **ORM** – Hibernate, JPA | **Database** – MySQL.

State University of New York- Full Stack Web-Developer

October 2016 – September 2017.

Description: An application which helped the faculty to make purchase request for their research. This work was entirely paper based. I had the idea to make it web-based. This application made the submission of the documents faster and review and approval process were also made faster. It saved time because there was no require filing the paperwork and searching the documents were easy.

Responsibility:

- Wrote **SPA** with **Angular 2** to build customer forms connect to backend. Client pages are built using HTML, CSS, TypeScript, Bootstrap.
- Used Angular 2 framework for building web-apps and is highly efficient in integrating with Restful services.
- Backed-end Rest API, was developed in **Spring-boot** where there were layers to keep the application loosely coupled.
- Implemented the security for service layer methods using Spring Security.
- Testing of web-API was done with PSOSTMAN, JUnit. Front-end testing with Karma, mocha, chai.
- Designed and developed business components using **Spring AOP, Spring IOC, Spring-boot Annotations**.
- Used **Hibernate** as persistence framework for DAO layer to access the database.
- Used **Maven** for build the REST API and **webpack & npm** to build and manage the Angular dependencies.
- **IDE** - Visual Studio Code, Eclipse | **Language/Scripting** – Java, Typescript, HTML, CSS | **Framework** -Spring-boot, Spring, Angular 2 | **ORM** – Hibernate, JPA | **Testing** - mocha, chai, Karma, POSTMAN | **Database** - Microsoft SQL

Academic Projects

Payroll application – Full Stack Web-Development (SUNY Academic Project) July 2017 – January 2018.

- A user can log in a web-based application to clock in and out from work, check their payroll, and other activities.
- Front-end was developed in HTML and logic in JavaScript. jQuery library made the Ajax calls to web-API.
- Backed-end was developed in Spring. A service provider tightly coupled with MySQL database.
- **IDE** - Visual Studio Code, Eclipse | **Language** – Java, JavaScript | **Library** - jQuery | **Database** – MySQL

Fitness Website – Full Stack Development (SUNY Academic Project) July 2017 – January 2018.

- A fitness website that tracks users progress towards their fitness goals and suggests them diet and exercise.
- Front-end was developed in Angular 2. A service component made Ajax calls to web-API.
- Backed-end API was developed in Spring-boot where activity like routing and POST static data was managed.
- **IDE** - Visual Studio Code | **Language** – Java, typescript | **Framework** - express.js, Angular 2, Spring-boot.

Personal Projects

Label Reader Application – Cross-Platform Mobile Application May 2018 – Present.

- Cross platform mobile app that read ingredients from food packages and notifies the users with allergy/toxic ingredients.
- Front-end was developed in Ionic. A CURD service makes calls to web-API.
- Developed RESTful microservices using spring boot for high availability, resilience and scalability and will use Docker container to deploy it to open-source cloud.
- Removed single point of failure of state (sticky session) and used AWS Elastic cache to store session related data from different microservice container.
- Managed auto service registration using eureka auto service discovery and server-side load balancing using Netflix ribbon.
- **IDE** - Visual Studio Code, Eclipse | **Framework**- Ionic, Spring-boot | **Language** - Java, typescript | **Database** – Microsoft SQL.