

Emmett N. Young

Java Backend Engineer

Contact Information

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Featured Portfolio

<https://github.com/mettyoung/railway-routing-service>

Developed a containerized web application that provides a facility to suggest railway routes for the bewildered traveler in Singapore. Visit the link for a live demo.

Technical Proficiencies

Back-end Technologies	Front-end Technologies	Dev-ops Technologies
Java	HTML5	Git
JUnit 5	CSS3	Liquibase
Spring Boot	ReactJS	Maven
REST	AngularJS	Gradle
Bean Validation	Angular 6	Docker
JPA/Hibernate	JavaScript	Ansible
SQL	TypeScript	TeamCity

Employment

Software Engineer II	Exist Software Labs	Feb 2019 – Present
<ul style="list-style-type: none">Prevented a regression in accommodating a high-risk and critical enhancement using test-driven development. (NiFi, Kafka, Spring Boot, JUnit5 and Hibernate)Took ownership of data provision and subscription projects until their completion. Responsibilities include feature development, bug fixing, DevOps.Managed servers by deploying and setting up multiple infrastructures such as NiFi, Kafka, Zookeeper clusters, SFTP, MySQL servers and containerized web application.Produced a technical guide for the project’s completion.		
Software Engineer I	Exist Software Labs	Aug 2017 – Jan 2019
<ul style="list-style-type: none">Completed code camp which includes Java, Maven, Hibernate, Spring and AngularJS.Conducted technical workshop on Apache NiFi to the client with an audience of 20.Developed an automated NiFi tester application which saved the QA from many days of manual testing for every flow change. (Spring Boot, CSV, xUnit framework)Developed an infrastructure code for elasticsearch using domain events, thereby decoupling technical code from business logic and reducing code duplications.Developed for data forecasting with basic ticketing project. (Angular 6, Spring)Mentored a new teammate to get him up and ready for the team.Added CI/CD pipeline using TeamCity for staging environment.		
Freelance Software Engineer	Nelsoft Systems, Inc.	Sept 2016 – April 2017
<ul style="list-style-type: none">Architected the new version of their database synchronization system using test driven development in PHP and C#, resulting in the resolution of duplicate database records, at least 200% faster synchronization rate and no major bugs.		
Software Engineer III	Nelsoft Systems, Inc.	Feb 2015 – Jan 2016
<ul style="list-style-type: none">Developed for their proprietary automated deployment program in C#.Led a team of 3 developers and 1 designer for inventory system project in PHP.Managed production deployment with database administration.Taught colleagues on basic networking and Git version control.		

Education Background

Computer Engineering	De La Salle University Manila	May 2010 – Feb 2015
<ul style="list-style-type: none">Graduated with honorable mention having a CGPA of 3.203.Designed and implemented the telemetry system which includes fabricating circuit boards, microcontroller and C++ programming for Shell Eco Marathon Asia in 2014.Developed the navigation stack in C++ of the autonomous exploration of two quadrotors for our undergraduate thesis.		

References

Available upon request.