Emmett N. Young

Java Backend Engineer

Contact Information

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🏠 Manila, Philippines

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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

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

# Employment

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| **Software Engineer II** | **Exist Software Labs** | **Feb 2019 – Present** |

* 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.

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| **Software Engineer I** | **Exist Software Labs** | **Aug 2017 – Jan 2019** |

* 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.

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| **Freelance Software Engineer** | **Nelsoft Systems, Inc.** | **Sept 2016 – April 2017** |

* 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.

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| **Software Engineer III** | **Nelsoft Systems, Inc.** | **Feb 2015 – Jan 2016** |

* 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

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| **Computer Engineering** | **De La Salle University Manila** | **May 2010 – Feb 2015** |

* 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.