Shannon Amarasekara
Full Stack Developer

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GitHub: *www.github.com/Shannon-Amarasekara*

PERSONAL STATEMENT

Actively seeking a back-end or full-stack developer position where I can share my passion for code with a team of like-minded people. Proficient in Java and other languages, I believe in producing clean code and applying the best practices of object-oriented programming, with a particular interest in architectural design. Highly motivated and able to work independently, I seek out challenges to improve my skills and gain experience.

TECHNICAL SKILLS

Languages: JAVA 8, SQL, TypeScript, JavaScript, HTML, CSS

Framework: Spring Boot, Hibernate/JPA, Angular 10, Bootstrap

Database: MySQL

Methodology: Microservice architecture, TDD (Test Driven Development), BDD (Behaviour Driven Development), DDD (Domain Driven Design), Hexagonal architecture, AGILE SCRUM

Versioning: Git

IDE: IntelliJ, Visual Studio Code

Protocol: HTTP, REST

PROJECTS

Shannon's Bookworm Corner   *Sept 2020 – ongoing (6 months)*
JAVA/ANGULAR FULL STACK BOOKSHOP WEB APPLICATION

Providing users, the ability to browse a library of books through a number of filters and manage these books in their own basket. Personal goal: to evaluate my progress through the use of technologies I have studied and to learn how to create a full-stack application, as well as set myself a challenging goal.

Front-end/Client
o   MPA (multi page application) using Angular 10, Bootstrap 4, NodeJS and jQuery
o   HTTP requests using RxJS Observable library
o   Creation of reusable components and services to consume REST APIs
o   Router implementation to enable navigation between components
o   Git as version control to have a full project code history and allow code reversal

Back-end/Server
o   Micro-service-oriented architecture using Springboot REST APIs
o   Hexagonal architecture protecting domain layer from infrastructure and application layer modifications
o   Client basket management through user IP identification
o   Relational database management system MySQL used to store data
o   MySQL database interaction using Hibernate as well as simple and complex SQL queries such as joins
o   Git as version control to have a full project code history and allow code reversal

Development methodologies
o   Functionalities implemented using agile methodologies, through weekly sprints followed by sprint reviews and retrospectives, to ensure regular working deliveries

Technical Stack: JAVA 8, TypeScript, HTML, CSS, SQL, Spring Boot, Hibernate, Angular 10, Bootstrap, NodeJS, jQuery, MySQL, Git, AGILE, Maven, Hexagonal Architecture, DDD

GitHub: *https://github.com/Shannon-Amarasekara/Bookshop-Back-Java*
          https://github.com/Shannon-Amarasekara/Bookshop-Front-Angular

Battleship   *February 2020 – May 2020 (4 months)*
JAVA APPLICATION

A Java console text-based battleship game. The purpose of this project was to explore my passion for code by coding an application from scratch, and learn Java language through application of theory.

o   Coded while studying the JAVA PROGRAMMING MASTERCLASS to put new found knowledge to use and learn to design a project from scratch
o   Hexagonal architecture separating the pure game logic from the user interface
o   Maven as a build tool and dependency manager
o   Git as version control for context switching

Technical Stack: JAVA 8, Git, Maven, Hexagonal Architecture, DDD

GitHub*: https://github.com/Shannon-Amarasekara/Battleship*

TRAINING

Java/Angular Bootcamp   *June 2020 – December 2020 (6 months)*
40 hours + / week

A full-time learning experience from home using online resources and personal lessons from my brother, Rory Amarasekara, a Tech Lead at SOCIETE GENERAL. The goal of this experience was to recreate the results I would obtain in a coding bootcamp by providing me with knowledge in a number of subjects high in demand, and adopting a schedule common in full time developer positions.

Subjects: JAVA 8, Maven, SQL, TDD, BDD, DDD, Spring Boot, Hibernate/JPA, HTML/CSS, hexagonal architecture, Angular 10, Model MVC, UML modelisation, Agile.

Rory Amarasekara - LinkedIn: https://www.linkedin.com/in/rory-amarasekara/

Java Programming Masterclass for Software Developers   *Jan 2020 – June 2020 (6 months)*
Online Course, Udemy.com

My introduction to programming, this course allowed me to explore my growing passion for code by providing me with knowledge of Java concepts.

EDUCATION

BSc Business Management and Digital Media   *Sept 2015 – Sept 2018*
University of Roehampton

This 3-year undergraduate degree provided me with knowledge in a range of business topics such as economics, human resource management, accounting, and project management, as well as media topics such as digital marketing, website design using Wix.com and HTML, and multimedia using video editing software.

LANGUAGES

English: Native speaker   **French**: Native speaker   **German**: Intermediate   J**apanese**: Beginner