

Pravinthan Prabakaran

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SKILLS

Full Stack Development, Algorithms and Data Structures, Data Science

LANGUAGES

Java/Java EE, SQL, Python, C++, C, R

WEB TECHNOLOGIES

JavaScript ES9 (Node.js, Angular, Gatsby, Express), HTML5, CSS3

TOOLS AND SYSTEMS

Git, SVN, JUnit, Linux, Unix, Windows

AGILE DEVELOPMENT

Scrum

CONCEPTS AND DESIGN PATTERNS

OOP, MVC, REST, RDBMS, Singleton, Dependency Injection, Pub-Sub

PROJECTS

NBA VISUALIZER | **NODE.JS, ANGULAR, EXPRESS, CSS3, HTML5** | 🌐📱 November 2019 – February 2020

- Developed and deployed a progressive web app for user-friendly NBA schedules, box scores, play-by-play data and more
- Leveraged TypeScript and Angular 8 to develop the front-end, and Express to develop the back-end
- Designed the UI using the Angular Material framework, keeping mobile and desktop UX a priority
- Implemented REST APIs to transfer past, live and upcoming game information from the official NBA APIs

BASH (UNIX SHELL) SIMULATION | **JAVA, JUNIT 5, SVN** | 📱 June 2018 – August 2018

- Developed a Java-based Bash with a large feature set in a team of 4 and tested using JUnit 5
- Utilised Subversion to manage source code and track changes along with a Scrum framework for agile, feedback-oriented development
- Implemented using object-oriented design and singleton and dependency injection design patterns

EDUCATION

UNIVERSITY OF TORONTO | **HBSc SOFTWARE ENGINEERING**

2017 - Present

GPA: 3.20

EXPERIENCE

OPENTEXT | **RICHMOND HILL, ONTARIO**

SOFTWARE DEVELOPER (INTERNSHIP)

May 2019 – December 2019

- Followed the Scrum framework by participating in backlogs, daily stand-up meetings, sprints and reviews
- Engaged in documentation, testing, debugging, documentation guide reviews and code reviews
- Designed and developed Struts 2 action classes and JSPs for the MVC view layer
- Implemented business logic using Entity and Session Beans to interact with different RDBMSs (SQLServer, PostgreSQL, Oracle, HANA)
- Leveraged Hibernate ORM to map POJOs to database tables and to aid DDL, DQL and DML commands

CINEPLEX | **RICHMOND HILL, ONTARIO**

SUPERVISOR

October 2018 – May 2019

CAST MEMBER

April 2018 – October 2018

- Received employee of the month award for being resilient and reliable, leading to a promotion
- Supervised and delegated daily tasks to a group of 10 coworkers to ensure smooth business operations
- Maintained inventory by managing product quantities, lessening downtime of the overall workflow

INTERESTS

Basketball, building computers, exploring new technologies