

Pravinthan Prabakaran

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SKILLS

LANGUAGES

Java/Java EE, SQL/NoSQL, Python, C, C++, Haskell, LaTeX

WEB TECHNOLOGIES

Node.js, Angular, Gatsby, Express, MongoDB, WebSockets, HTML5, CSS3

TOOLS AND SYSTEMS

Git, SVN, Docker, Nginx, CircleCI, JUnit, Linux, Windows

AGILE DEVELOPMENT

Scrum

CONCEPTS AND PATTERNS

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

PROJECTS

COOPERATEX | MEAN, WEBSOCKETS, DOCKER, NGINX, CIRCLECI | February 2020 – April 2020

- Developed a web app for users to collaborate and edit LaTeX documents in real-time
- Leveraged Angular 9, Node.js and Express to develop the front-end and back-end, and WebSockets for real-time collaboration between different users
- Containerised the application using Docker, set up a reverse proxy server using Nginx, configured continuous integration and deployment using CircleCI and hosted using DigitalOcean
- Utilised MongoDB Atlas and Amazon S3 to ensure data is maintained throughout deployments

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

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

EDUCATION

UNIVERSITY OF TORONTO | HBSc SOFTWARE ENGINEERING

2017 - Present

GPA: 3.25

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 creating and reviewing documentation, testing, debugging 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