

Mayorathan

SOFTWARE ENGINEERING · SENIOR DEVELOPER

Montreal, Canada

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Skills

Front-end	Redux, React, HTML5, Tailwind CSS, CSS, WPF
Back-end	Spring Boot, Spring Batch, PostgreSQL, MongoDB, Express, REST API
DevOps	Nexus Repository, GitHub Actions, Jenkins, Docker, Kubernetes
Programming	JavaScript, Java, Kotlin, Python, C#, Bash
Others	Git, AWS, Vim, MacOS, Linux
Languages	English, French, Tamil

Experience

National Bank of Canada

Montreal, Canada

BACKEND DEVELOPER

Sep. 2022 - Present

- Developed batch processing application using Spring Batch framework for ETL purposes
- Used design patterns like DAO, Factory, DTO and MVC
- Developed test cases using JUnit and Mockito
- Worked with EC2, S3, IAM

FULL STACK DEVELOPER - PART-TIME

Sep. 2020 - Sep. 2022

- Developed new and customized existing features for microservices using React and Spring Boot
- Implemented components from React libraries, including redux-saga, react-bootstrap, react-router-dom
- Built applications using Jenkins pipelines and deployed on Nexus
- Knowledge in MongoDB and CI/CD workflows

INTEGRATION ANALYST - INTERNSHIP

Jun. 2020 - Sep. 2020

- Used Shell scripts for day to day activities and tasks for automating
- Worked with MongoDB database concepts such as locking, transactions, indexes, sharding
- Identified, recorded and documented software bugs
- Used Agile/Scrum as project management methodology and JIRA as project management tool

Genetec

Montreal, Canada

C# DEVELOPER - INTERNSHIP

Jan. 2019 - Apr. 2019

- Developed an application from scratch using XAML and C#
- Implemented Chaos Engineering functionalities (Chaos Monkey)
- Worked extensively with MVC and MVVM design patterns
- Utilized TFS for source control and Azure DevOps for project management

Extracurricular Activity

Naova - Robotic Scientific Club

Montreal, Canada

WEB DEVELOPER

Jun. 2020 - May 2022

- Refined and improved the existing code for the club's website
- Programmed behaviour for NAO Humanoid robots using in-house libraries
- Participated in the RoboCup international competition

Education

École de technologie supérieure – Université du Québec

Montreal, Canada

B.ENG. IN SOFTWARE ENGINEERING

Sep. 2018 - Aug 2022

- Took classes in: web development, user experience, DevOps, mobile development
- Capstone project on GitHub: fuhrmanator/activity-connector

Certifications

2022 **AWS Certified Cloud Practitioner**, Amazon Web Services (AWS)

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