

Education

Bachelor of Computer Science, University of Manitoba

Graduated February 2020

Area Specialization: Software Engineering & Database

Core Courses Taken: Software Engineering I & II, Distributed Computing, Computer Networking, Database Implementation, Database Tuning & DBMS, Human and Computer Interaction

Technical Skills

Programming Language: Java, JavaScript, C++, C#, SQL, HTML/CSS, Python

Frameworks / Database: React, Node.js, jQuery, PostgreSQL, MySQL, MongoDB

Services / Tools: AWS, Git/GitHub, Docker, Jest, Postman, CI/CD, Agile Methodology

Work / Development Experience

Software Developer II

January 2021 – Present

Manitoba Public Insurance, Winnipeg, Manitoba

- Develops the custom web applications for the company's intranet and internet
- Builds the web applications using JavaScript, jQuery, C#, SharePoint Web Parts. Collaborates within an agile team following the stages of Software Development Life Cycle
- Implements unit testing and integration testing for the functionalities of built web applications and ensured accuracy and completeness of applications by the established testing criteria
- Creates conceptual design documents for web application and operational documents for the end users

Full Stack Web Developer

March – July 2020

IT Web Project – SEO Blogging Platform, Winnipeg, Manitoba

- Built a multi-user blogging platform using JavaScript frameworks and successfully deployed the application on cloud Digital Ocean based on Nginx
- Successfully created applications front-end components by using ReactJS and seamlessly integrated it with back-end components including JWT authentication
- Used NodeJS to build the applications back-end with enhancing API performance and scalability by utilizing ExpressJs. Implemented applications NoSQL Database by using MongoDB data models and schemes

Junior Java Developer

March – July 2020

IT Web Project – Online Banking System Simulation, Winnipeg, Manitoba

- Developed a synchronized multi-threading TCP server based on Java for handling concurrent user's requests
- Successfully integrated the server with MySQL database through JDBC
- Created front-end pages by leveraging jQuery and Ajax to facilitate dynamic data exchange
- Applied module design patten to effectively improved code reusability and readability

Junior Java Android Developer

January – April 2019

IT Group Mobile Project – Book Store Mobil Application, Winnipeg, Manitoba

- Collaborated with an agile team to develop an Android application using Java. Implemented the application's user authentication activities and created user's database based on MySQL
- Applied a 3-tier architecture and Object-Oriented design patten to significantly improved code reusability and readability

Junior SQL Developer

IT Database Project – Royal Victoria Hospital Database, University of Manitoba

- Developed and maintained a normalized relational database utilizing PostgreSQL. Implemented advanced SQL queries and conducted SQL query performance tuning using indexes and SQL execution plans

Certification

Meta Front-End Developer Professional Certificate

2023

Amazon Web Services Cloud Practitioner

2023

Certified Scaled Agile Practitioner – SAFe®5

2021