Passionate and seasoned Full Stack developer with over 20 years' experience in UI design, development, testing, and training. Known for meticulous attention to detail and diverse tool proficiency, I excel in problem-solving and crafting efficient code. A dedicated team player, I thrive in dynamic environments, driving company success with a positive outlook.

Skills

Programming Languages & Technologies

|  |  |  |  |
| --- | --- | --- | --- |
| * Java | * Vue.js | * C# | * Cobol (Batch & Online |
| * HTML | * CSS | * Python | * RESTful |
| * Spring / Spring Boot | * JavaScript | * JSON | * XML |
| * JEE Application (EJB, Servlet, JDBC, JMS, JMX, JTA, JCA, JAXB) | * SQL(MySQL, MSSQL) |  |  |

Web Technologies and GUI Design

|  |  |  |  |
| --- | --- | --- | --- |
| * Web graphical user interface (GUI) design and development | * HTML | * CSS | * JavaScript |
| * Ajax | * JQuery | * Tailwind |  |

Development Tools & Environments

|  |  |  |  |
| --- | --- | --- | --- |
| * Visual Studio Code | * Visual Studio | * .NET | * Firebase |
| * SQL Database | * WCAG | * Jenkins | * SonarQube |
| * Artifactory | * Oracle WebLogic | * Git | * JIRA |
| * DevOps | * npm (node package manager) | * Maven | * Docker Desktop |
| * Docker Hub | * Amazon AWS (EC2, Security Group, VPC) |  |  |

Mainframe & Middleware

|  |  |  |  |
| --- | --- | --- | --- |
| * CICS | * JCL | * PROCS | * VSAM |
| * Databases (DB2, IMS, IDMS | * File-Aid | * Compuware Workbench | * SQL (DB2, IMS, IDMS) |

Software Development Methodologies

|  |  |  |  |
| --- | --- | --- | --- |
| * Agile | * Waterfall | * Scrum |  |

Experience

Senior Developer, 04/2023 - 08/2023

Canada Revenue Agency - Ottawa, ON

* Developed a RESTful API to serve as a communication interface for another department.
* Designed and implemented scalable and efficient endpoints to meet the requirements of the calling application.
* Worked closely with stakeholders to gather requirements and refine specifications, ensuring the API met business needs.
* Implemented best practices for API security, authentication, and documentation to ensure reliability and ease of use.
* Provided ongoing support and maintenance for the API, troubleshooting issues and implementing enhancements as needed.

Lead Full Stack Developer, 01/2020 - 08/2023

Canada Revenue Agency - Ottawa, ON

* Led a team in the development of a web application utilizing J2EE and Ant build system.
* Successfully transitioned the project from Ant build to Maven, streamlining the development process and improving build efficiency.
* Collaborated with another team to split the application into front-end and back-end components, ensuring seamless integration and maintenance.
* Took ownership of the back-end development, implementing robust functionalities and ensuring optimal performance.
* Acted as a liaison between teams, facilitating communication and ensuring alignment with project goals and timelines.

Acting Team Leader, 01/2020 - 04/2023

Canada Revenue Agency - Ottawa, ON

* Directed a team of 4, reporting daily to upper management.
* Contributed to new deliverable implementations and collaborated with the team to identify and resolve areas for improvement.
* Managed leave requests, evaluated staff performances, and provided coaching to enhance efficiency.
* Served as team lead, developer, and analyst for the initial 8 months of 2020.

IT Analyst Developer, 02/2001 - 01/2020

Canada Revenue Agency - Ottawa, ON

* Developed and maintained CICS applications for internal use at CRA, streamlining tasks like Web Access Code management and Notice of Assessment processing.
* Transformed batch processes into online systems, drastically reducing processing time from 24 hours to real-time availability.
* Played a key role in converting IMSDB to DB2, enhancing assessment processing speed to within 24 hours.
* Managed mainframe programs for data retrieval and display on web pages, ensuring seamless integration of mainframe and web technologies.
* Provided technical guidance, mentoring, and training to colleagues, contributed to issue resolution, peer reviews, and the development of best practices while utilizing Jira CTR for task tracking and designing application scripts for testing scenarios.

Projects

**Project 1: SportingStats Application (Beta version)**

* **Description**: Developed a Dockerized application with a Vue.js frontend and C# backend for sports statistics tracking.
* **Responsibilities**:
  + Set up the application on an AWS EC2 instance.
  + Configured Docker images and health checks.
  + Implemented frontend components and connected them to the backend API.
  + Managed MySQL database setup and integration.
* **Technologies Used**: Vue.js, C#, Docker, AWS EC2, MySQL.

**Project 2: Tax Assessment Automation**

* **Description**: Automated tax assessment processes for CRA, transitioning from batch to online systems.
* **Responsibilities**:
  + Developed CICS applications for Web Access Code management and Notice of Assessment processing.
  + Converted IMSDB to DB2, improving processing speeds.
  + Managed integration of mainframe and web technologies.
* **Technologies Used**: Cobol, CICS, JCL, DB2, IMS, Web Technologies.

**Project 3: Submit Documents**

* **Description**: Led the development of a web application for external use using J2EE and Ant. This service allows you to securely send documents electronically to the CRA through My Account, My Business Account, or Represent a Client
* **Responsibilities**:
  + Transitioned the build system from Ant to Maven.
  + Split the application into front-end and back-end components.
  + Ensured seamless integration and optimal performance of the back-end.
* **Technologies Used**: J2EE, Ant, Maven.

**Project 4: Filing with Web Forms**

* **Description**: Led the development of a web application for external use using J2EE JSP and Servlets. This service is a free and secured application that allows you create your information return in XML format in order to file electronically to CRA.
* **Responsibilities**:
  + Transitioned the build system from Ant to Maven.
  + Split the application into front-end and back-end components.
  + Ensured seamless integration and optimal performance of the back-end.
* **Technologies Used**: J2EE, Ant, Maven.

**Project 5: Express NOA**

* **Description**: Express NOA is a secure Canada Revenue Agency (CRA) service that allows individuals and authorized representatives to view the notice of assessment (NOA) or notice of reassessment (NOR) in EFILE and NETFILE certified tax preparation software, right after the return has been received and processed by the CRA.
* **Responsibilities**:
  + Created the backend portion in Java.
  + Developed secure and efficient endpoints to retrieve and display NOA and NOR.
  + Ensured compliance with CRA's security and data privacy guidelines.
  + Integrated with EFILE and NETFILE systems for seamless data retrieval..
* **Technologies Used**: JEE, Ant.

Education

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| --- | --- |
| Full Stack System Engineer, 6/2024 | Computer Programming, 12/2000 |
| GridSchool – Online Course | Algonquin College - Ottawa, ON |