

Saif Eid

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Professional Summary

Junior Full-Stack Developer with 1 year of experience in both public and private sector. Strong skills in CI/CD, Java, SQL, NoSQL, and Javascript. Highly motivated and hardworking team player with excellent people skills and strong attention to detail.

TECHNICAL SKILLS

- **Programming Languages:** Java, SQL, HTML/CSS, JavaScript, PHP, Batch, Bash, COBOL, XML, React, Nodejs, Python, Spring boot, Spring MVC, Maven
- **Operating Systems:** Windows, Linux (Ubuntu).
- **Database Management Systems:** MySQL, MS Access, Oracle, NoSQL, MongoDB.
- **Development Tools:** Eclipse IDE, GitHub, Visual Code Studio, Android Studio, VMWare, NetBeans, Dockers, Jenkins, SonarQube, Unit testing, CI/CD, Object Oriented Programming, Agile Methodologies, Software Development design.
- Proficient in Microsoft Office Suite and Microsoft 365, including Word, PowerPoint, Publisher, Outlook, advanced Excel skills, front- and back-end experience and expertise.

SOFT SKILLS

- Energetic, friendly, results-oriented, enthusiastic, and highly motivated.
- A resilient, solutions-focused individual who can pivot and adapt to the needs of a changing work environment.
- Critical thinker who can participate confidently in team and individual projects to develop solutions and foster a collaborative work environment.
- Strong problem-solving abilities and attention to detail.
- Excellent organization and time management skills.

WORK EXPERIENCE

Programmer/Analyst/Devops, Health Canada Intern

January 2024 – present

- Work collaboratively as a team to support applications and tools used by development teams to design, build and automate IT solutions.
- Understand standards and technologies for web application development in federal government as well as cloud-based software development practices within the industry.
- Use of technologies and software for full stack projects including TDD, Java (Spring boot), React, GitHubActions, Dockers, Jenkins, Terraform, Nodejs, Internalization.
- Create a web application using an automation pipeline.
- Analyze and problem-solve issues involving software application design, networking architecture and cloud platforms.

Computer Application Programmer Co - Op, Compunnel Software Group Inc.

Sept 2023 – Dec 2023

- Worked extensively with CI/CD tools like SonarQube and Jenkins to test code quality and address coding issues.

- Employed continuous delivery practices for reliable software releases, focusing on early bug detection, quick fixes, and continuous testing.
- Utilized Spring Boot for CRUD operations and Hibernate ORM for efficient database management.
- Developed search functionalities and crafted queries using Elasticsearch.
- Supported testing efforts with IntelliJ IDEA and Postman, automated testing with Python Selenium.
- Managed tasks and workflows effectively using Jira.
- Dockerized applications and scheduled them to run at specific times.
- Worked with Azure Blob Storage and AWS S3 for file uploads and downloads.
- Gained knowledge of Figma, with a primary focus on backend development.

ACADEMIC AND PERSONAL PROJECTS

- **Portfolio:** Used Front-End development techniques using HTML, CSS, JavaScript, and Bootstrap frameworks to create a personalized portfolio website from scratch.
- **Student Directory Web Application Improvement Project:** enhanced the web application by incorporating advanced Java EE components. Utilized the Java Persistence API (JPA) for database access, replacing direct JDBC usage to provide robust CRUD capabilities. The application was styled and structured as a Single Page Application (SPA) using the Bootstrap CSS framework. The main page displays a dynamic list of students from the database. This project successfully integrated Java Server Faces (JSF) with Enterprise JavaBeans (EJBs) and JPA, created a model class with appropriate JPA mappings and annotations, and developed a @ViewScoped managed bean for state management. Additionally, added validation to JSF views, ensuring data integrity and a smooth user experience, while leveraging Bootstrap to enhance the application's visual appeal and responsiveness.
- **Streamline Your Inventory Management:** Developed a web application using Node.js that empowers users to efficiently manage their products. The application allows users to create, read, update, and delete product information. This user-friendly platform ensures streamlined product management, providing a comprehensive solution for maintaining accurate and up-to-date product inventories.
- **International Geographical Data Tracking for Travel:** Used Back-End development techniques using MySQL, PHP, HTML, CSS, and JavaScript to create a fully functional web application that uses CRUD to provide geographical data on international locations for potential travelers, including country name, population, name of primary government official, and more.
- **Payroll System:** developed a payroll system that efficiently calculates the payment rates for enrolled employees, considering various criteria such as commission-based rates, hourly rates, salary rates, and co-op/voluntary employee rates. The application structure is implemented in accordance with Java design best practices, incorporating inheritance and polymorphism.

EDUCATION

COMPUTER PROGRAMMING DIPLOMA Algonquin College

Sept 2022 – Aug-2024

- Dean's Honor List: **3.93/4 GPA**