

Saif Eid

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Professional Summary

I am a Junior Full Stack Developer with over a year of experience in creating robust web applications. My professional and personal projects demonstrate my problem-solving skills and full-stack development expertise. I am an energetic, friendly, and results-oriented individual who thrives in both team and individual settings. With strong organizational and time management skills, I am dedicated to delivering high-quality solutions and continuously improving my skills to meet the demands of a dynamic work environment.

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** — I enhanced the web application by incorporating advanced Java EE components. I 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. Through this project, I 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, I 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** -- I have 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

Sept 2022 – Aug-2024

Algonquin College

- Dean's Honor List: **3.93/4 GPA**
- 2nd year standing