

# WALEED SAMOUH

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## Summary

Seeking a Software Engineer position. Possess significant knowledge in Object-Oriented Programming, Algorithms & Data Structure and Databases Development. Experience with Software Engineer Best Practices such as Unit Testing, Code Reviews & Agile Development. Outstanding problem-solving skills by building multiple software projects from scratch. Possess outstanding interpersonal & presentation skills with excellent verbal and written communication skills demonstrated by group work, volunteering and extracurricular.

## Work Experience

### Software Engineer, Ontario Power Generation

[Jan 2023 - Aug 2023]

- Designed a comprehensive SQL and Power BI dashboard to monitor work order stages from initiation to completion. Detected and corrected errors, achieving a 20% reduction in late work orders in the station.
- Enhanced the CFAM Dashboard (with over 100K hits) using SQL, Node.js, and React.js, resolving bugs and improving data accessibility and usability for nuclear plant statistics and training qualifications.
- Developed a Power BI dashboard to analyze Observation and Coaching data effectively, allowing for quicker identification of trends and key focus areas. This data-driven approach enhanced overall performance and my commitment to high-quality results earned me the Employee of the Month recognition in March.

### Software Engineer, Riipen

[Sep 2022- Apr 2023]

- Crafted Figma wireframes for the Global Islamic Society's app, benefiting 500+ mosque visitors and seamlessly transitioned these into a functional app using JavaScript, React Native, and Expo.
- Efficiently collaborated with a diverse team of 8, harnessing tools like GitHub and Trello for streamlined development and testing.

## Education

### York University

B.S, Honours. Computer Science

CGPA: 7.10/9

[Sep 2020- Aug 2024]

**Relevant Coursework:** Programming for Mobile Computing, Web Development, Software Tools, Advanced Object-Oriented Programming, Data Structures, Algorithms, Software Design, Database Systems, OS Fundamentals, Building E-Commerce Systems, Computer Networks, Information Networks, ML, Discrete Math, Calculus, Probabilities, UI.

**Technical Skills:** Java, Python, HTML, CSS, JavaScript, React.js, Node.js, Express.js, C, SQL, Unix/Linux, Git, Bash, SSMS, MySQL, Rest API, AWS, Agil, Power BI, Microsoft Tools.

## Projects

**Portfolio Website-** Built a personal portfolio using React.js, featuring smooth scrolling navigation, responsive design with CSS and Bootstrap, and an integrated PDF viewer.

[Apr 2024- May 2024]

**E-cars website-** Developed an E-cars website's backend using TypeScript and Node.js, with Microservices for scalability. Integrated DAO and ORM using Prisma for secure database handling, designed RESTful APIs for effective front-end communication, and maintained robust performance and data integrity with MySQL.

[Spe 2023- Dec 2023]

**Warehouse Management System-** Developed a backend for a Warehouse Management System, utilizing Java and SQLite. Emphasized robust OOP and strategic design patterns to streamline backend operations. Expertly managed database interactions and data integrity using JDBC for optimal system performance.

[Oct 2023- Nov 2023]

**Hospital System-** Used Java to create a well-organized and developed hospital system from scratch. Learned about System Design and Unit Testing best practices.

[Apr 2022- Apr 2022]

## Extracurriculars & Scholarships

- Enrolled at various hackathons such as Bon Hacketit 2.0.
- York University Entrance Scholarship & CGI Award.