

ALI SHANDHOR

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[LinkedIn](#) • [GitHub](#) • [Website](#)

SUMMARY

Senior Software Engineering student with **over a year of experience** in **writing** and **testing code**, **developing** software solutions, and **leveraging modern tools**. Skilled in both **corporate** and **startup** settings, with a strong **analytical mindset** and results-driven **problem-solving** approach

EDUCATION

York University

Sep 2021 – May 2026

Spec. Hons. Bachelor of Engineering, Software Engineering

Relevant Coursework: DSA, OOP, Software Design, Computer Organization, Embedded Systems

Awards: Dean's Honour Roll, Gordon & Agnes Brash, YorkU Intl. Entrance, Lassonde Entrance

EXPERIENCE

Software Developer Co-op

Jan 2024 – Dec 2024

Ericsson

Ottawa, ON, Canada

- Developed a **software tool** to automate **Qualcomm** enterprise applications through their **APIs** using Python, enabling customized **automation** and **data analysis** workflows for the team
- Developed a **test automation** framework using **Python**, that takes **YAML** input file to enable testers to **configure** their 5G test case workflows, leveraging **pandas** and **NumPy** to provide enhanced analytical capabilities
- Applied **concurrent** and **parallel** processing techniques leveraging **CPU** cores and threads to **enhance** performance, **achieving** a **50%** reduction in data processing time.

AI Software Development Intern

July 2023 – Oct 2023

Vosyn

Toronto, ON, Canada

- Contributed to core **MVP** software features for a **large language** and **voice synthesis model**, improving product capability
- Trained** models on diverse **audio datasets** to **enhance** generalization and multilingual voice cloning performance & accuracy
- Built a **Gradio-based** front end for the voice synthesis MVP using a **60M-parameter** vision transformer in **PyTorch**, trained on **10,000 hours** of audio via **GCP**

SKILLS

Programming

Java, Python, C/C++, JavaScript, Bash, HTML, CSS, SQL, NoSQL

Frameworks

Spring Boot, Flask, PyTorch, React, Next.js, Bootstrap, CSS Tailwind

Tools

Git, GitHub, JUnit, AWS, Azure, GCP, Docker, Agile, Jira, Linux, CRUD, REST APIs

PROJECTS

Salon AI | *Flask, React, Next.js, Tailwind CSS, MongoDB*

[GitHub Repository](#)

- Developed **backend** with **Flask** enabling smooth frontend-server communication
- Designed and managed **MongoDB** collections for users, stylists, and bookings
- Implemented **RESTful APIs** for appointment management, authentication, and AI stylist suggestions

YorkU Parking System | *Java, JavaFX, MVC, JUnit*

[GitHub Repository](#)

- Developed **Java backend** for admin, authentication, vehicle tracking, and parking management
- Applied 6 **software design patterns**: Singleton, Factory, Builder, Strategy, Visitor, Composite
- Created unit tests with **JUnit** to ensure code reliability