

ALI SHANDHOR

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SUMMARY

Senior Software Engineering student with **2 years of hands-on experience** in **writing & testing code, developing software solutions**, and updating companies' knowledge using the **latest development tools**. Experienced in **corporate and startup environments**, demonstrating strong **analytical background** and **problem-solving skills** with a results-driven approach to tackling complex challenges.

EDUCATION

York University

Spec. Hons. Bachelor of Engineering, Software Engineering

Sept 2021 – May 2026

Toronto, ON, Canada

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

Awards: Dean's Honour Roll, Gordon & Agnes Brash, YorkU Intl. Entrance (A+ average)

EXPERIENCE

Software Engineering Intern

Ciena

Sept 2025 – Present

Ottawa, ON, Canada

- Designed and implemented **Python test cases in Jupyter Notebooks** to automate validation of **optical network captive environments** for hyperscale customers including **Google, Microsoft, and Meta**
- Maintained and enhanced the **RLS product automation framework at Ciena** by developing **APIs and utilities** for CLI, REST, NETCONF, and gRPC interfaces, resolving bugs, and assisting manual testers
- Contributed to improving **CI/CD pipelines in Jenkins** by enhancing automation, testing workflows, and deployment processes

Software Engineering Intern

Ericsson

Jan 2024 – Dec 2024

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**
- 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

Vosyn

July 2023 – Oct 2023

Toronto, ON, Canada

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

PROJECTS

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

[GitHub](#)

- Developed **Flask backend** and managed **MongoDB collections** for users, stylists, and bookings; implemented **RESTful APIs** for appointment management and AI stylist suggestions

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

[GitHub](#)

- Developed **Java backend** for admin, authentication, vehicle tracking, and parking management; applied multiple design patterns and unit tests

SKILLS

Programming Java, Python, C/C++, JavaScript, MATLAB, Bash, HTML/CSS, SQL/NoSQL
Frameworks Spring Boot, Flask, PyTorch, React/Next.js, Bootstrap/Tailwind
Tools Git, CI/CD, Docker, Jenkins, AWS/Azure/GCP, Jira, Linux, JUnit