




MURPHY LEE

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3rd-year computer science student with a passion for exploring technological tools. Currently seeking an internship in Full Stack, Cloud, and Software Engineering to explore the realm of performant software solutions.

SUMMARY OF SKILLS

Programming: Python, Java, JavaScript/Typescript, Go, SQL, HTML & CSS, C, C++, R, Bash

Libraries/Frameworks: Angular, React, Next, Node + Express, MongoDB, Spring Boot, PostgreSQL, GraphQL

Tools: Docker, AWS, GCP, Firebase, Git, Linux, Shopify, Jira, JUnit, Mockito, Android Studio

WORK EXPERIENCE

Score Media and Gaming | Software Developer

Sept 2024 – Dec 2024

- Joining the **Sports Data Team** to contribute to backend systems using **Elixir** and **Phoenix Liveview**.

Toyota Canada Inc. | AWS Developer

Jan 2024 – May 2024

- Implemented VPCs and serverless architecture using **API Gateway**, **Lambda**, **CloudFormation**, and more, resulting in a **20% reduction** in infrastructure costs and a significant increase in application performance.
- Utilized **15+ AWS Services** to develop multiple interactive **Cost Intelligence Dashboards** with forecasting and expense optimization, **reducing Toyota's AWS Billing** by over 5%

Morado Development | Full Stack Developer

May 2023 – Dec 2023

- Designed and developed multiple **MERN Stack** applications for diverse clients, significantly enhancing functionality and user experience, which contributed to a **20% increase** in company revenue.
- Led the development of a web application using the **Shopify (Liquid) Framework** as **Project Manager**, by utilizing **SCRUM** and **Agile** methodologies with Jira, improving the development team's efficiency by **30%**.

VOLUNTEER EXPERIENCE

AMACSS | Vice President of Technology

Mar 2023 - Present

- Created a full-stack website template with **Flask**, **JavaScript**, and **MySQL**, utilized by **over 90%** of the participants at the 2023 AMACSS AI Olympics and featured in the winning submission.
- Instructed 100+ participants with programming in JavaScript, Flask, OpenAI API, SQL, and Python during several hackathons and initiatives.

Google Developer Student Club | Director of Technology

Sept 2023 - Present

- Contributed to the development of GDSC's GenAI Genesis Hackathon website, implemented in React (Next.js) and Firebase, leading to **1000+ applicants** and **300+ hackathon attendees**.

PROJECTS

Eccountant | [GitHub](#)

- Led the development of a centralized **financial application** which aggregates transactions over multiple bank accounts and includes subscription detection, using **Angular**, **Express**, **PostgreSQL**, and **Docker** (deployment).
- Judged by industry experts and ranked **2nd** out of **100+ students** in **CSCC09 - Programming on the Web**

MailMigo

- Collaborated with 4 developers to create an email-based **SaaS product** for AI-driven document processing, coupled with a user interface and chat functionality. Developed using **Angular**, **Firebase**, **Pinecone**, and **LangChain**.
- Led the documentation process by creating system design diagrams, API references, and sprint review docs.

EDUCATION

University of Toronto

Toronto, ON

- Program:** Computer Science (Specialist - Software Engineering Stream) + Statistics (Minor)
- CGPA:** 3.99/4.0
- Awards:** University of Toronto Scholar (<1%), James A Priestley Scholar (<1%), Dean's List Scholar (2023)