

Tobi Onibudo

Tobi.Onibudo@dal.ca | [LinkedIn Profile](#) | [Portfolio Website](#) | [Github Profile](#)

EDUCATION

Bachelor of Computer Science, Minor in Economics

Dalhousie University

Sep 2021 - Aug 2025

GPA: 3.94/4.0

Relevant Courses: Algorithms I | Software Engineering | Operating Systems | Mobile Computing | Adv. Web Services

Awards: Future Tech Leaders award | Faculty Leadership (Computer Science) Award

EXPERIENCE

Senior Intern Engineer

CPP Investments

Toronto, ON

Sep 2024 - Dec 2024

- Coordinated with **Valuations, Risk, and Credit Investment** teams to deliver a centralized valuation platform for **100+ finance professionals**, replacing manual workflows with automated pipelines.
- Built data pipelines to integrate internal systems with a **third-party financial tool** using **Terraform** and **Apache Airflow**, reducing manual processing errors by over **30%** in valuation workflows.
- Created a **Python library** to centralize reusable functions across internal tools within the Enterprise Systems team.

Full Stack Software Engineer Intern

Dash Social

Halifax, NS

Jan 2024 - Apr 2024

- Implemented and deployed three features, resolving **50+ tickets** using **Vue.js, Tailwind CSS, Flask, and SQLAlchemy**.
- Conducted over **100 pull request reviews**, promoting coding standards and offering constructive feedback to enhance code quality.
- Reduced error rates across multiple endpoints by **over 10%** through the use of **Datadog** for log analysis and bug tracking.

Junior Software Engineer (Co-op)

NorthBay Solutions

Halifax, NS

May 2023 - Aug 2023

- Built a full-stack web application to display SEC filings by company using **React, .NET (C#), MySQL, and AWS RDS**, supporting internal research use cases.
- Implemented and deployed a **Python** web scraping script to extract data from the SEC website and store it in an **AWS RDS** database.
- Built a data lake using **Apache Spark, AWS Lambda, S3, Kinesis, Glue, Athena, and Snowflake** to test scalable data ingestion and querying workflows.

Student Ambassador

ShiftKey Labs

Halifax, NS

Aug 2023 - Present

- Led and co-organized ShiftKey Labs' Generative AI Hackathons, NASA Space Apps Challenge, and Global Game Jam, collectively engaging **400+** students.
- Led and facilitated **100+** tech workshops and information sessions to promote innovation and technical learning among students.

PROJECTS

Threads Clone WebApp: Built a functional replica of Meta's Threads app, capturing its core features and user experience.

Tech Stack: Next.js, MongoDB, TypeScript, Tailwind CSS, Git

Live: threads-eight-theta.vercel.app, Repository: github.com/TobiOnibudo/threads

Vayro Mobile App: Developed a React Native app leveraging generative AI to provide real-time pricing and streamline listing and local selling of household items.

Tech Stack: React Native, TypeScript, Firebase, OpenAI SDK, Gemini, Google Maps API, OpenStreetMap

Repository: github.com/TobiOnibudo/vayro

LEADERSHIP & AFFILIATIONS

Vice President External

Dalhousie Computer Science Society

Halifax, NS

May. 2024 - May 2025

TECHNICAL SKILLS

Languages & Frameworks : Python | Javascript | SQL | Java | Kotlin | C | React | React Native | Vue.js | Go | Node.js | Express.js | Bootstrap | Flask | Celery

Tools: AWS | Azure | Datadog | Shortcut | Docker | Firebase | Git

Certifications: Microsoft Certified: Azure AI fundamentals | Microsoft Certified: Azure fundamentals | AWS Certified Cloud Practitioner | AWS Certified Solutions Architect - associate