

# ANGUS LEE

647-936-7111 | [angusleehs.me@gmail.com](mailto:angusleehs.me@gmail.com) | [angusleehs.me](http://angusleehs.me) | [linkedin.com/in/angusleehs](https://linkedin.com/in/angusleehs) | [github.com/angusleehs](https://github.com/angusleehs)

## EXPERIENCE

---

### Full-Stack Developer Intern

May 2023 - Jul 2024

IBM

Markham, ON

- Maintained a HR software that manage **55,000+** headcount monthly using **TypeScript, React**, HTML5, CSS3, **Node.js**, Express.js, **SQL** (DB2), and Git/Github in an agile environment.
- **Reduced up to 99.7% of time** in the monthly signoff workflow by developing a Mass Signoff feature.
- Achieved a **71% improvement** in the performance of a critical API endpoint through database optimization (query optimization) and concurrent API/database calls.
- Collaborated with **2 Business Units** to migrate to the HR software, performing mass data imports, updating UI and RESTful APIs, and integrating with data dashboards.
- Established and maintained 4 data dashboard groups, training co-workers via tutorials and documentation.

### Software Developer Intern (Full-Stack)

May 2022 – Dec 2022

Taq Automotive Intelligence

Markham, ON

- Maintained a car lease system that has processed **50,000+** vehicle lease deals using **JavaScript, AngularJS, C#, .NET**, MS SQL Server, JSON, and XML.
- Developed **Unit tests** using JUnit and Specflow, performed tests in multiple environments (local, QA, UAT, Production), using Azure Devops Server for version control.
- Communicated closely with QA, Project Leads, and the DevOps team to fix bugs by stepping through code and reviewing event logs on GoCD pipelines.

### Teaching Assistant (Calculus, Discrete Math)

Jan 2022 – Present

University of Toronto

Toronto, ON

- Taught Calculus and Discrete Math to over **230** students and designed exams for over **450** students.
- Achieved a **10% improvement** in student grades by clearly explaining concepts and leading interactive tutorials and office hours that encouraged discussion.

## EDUCATION

---

### University of Toronto

Sep 2019 – June 2025

Honors Bachelor of Science in Computer Science

Toronto, ON

- cGPA: 3.69

## PROJECTS

---

### Toy Redis Server | C, Git

- Implemented Features: Event loop, custom hashmap, Transactions (MULTI, EXEC, DISCARD), Streams (XADD, XRANGE, XREAD with blocking reads) using Radix Tries, and RDB persistence.

### Last Minute Shop | React.js, MongoDB, Three.js, StripeAPI, Material-UI, Git

- Implemented Features: photo upload, camera shots, drag-and-drop, Stripe payments, authentication, and a responsive 3D model with Three.js.

### Being Seen App – A Mobile App for the Homeless Youth | SpringBoot, MongoDB, Android Studio

- Took ownership of key features on a 7-person team, collaborating closely to ensure project success.
- Implemented Features: JWT token validation, Stripe API integration, Lottie file animations, and designed the app using the MVC model.

## TECHNICAL SKILLS

---

**Languages:** TypeScript, JavaScript, C, C#, Python, Java, C++, Rust, Go

**Front-end:** React.js, Next.js, AngularJS, Chakra-UI, Framer-Motion, Carbon Design System

**Back-end:** Node.js, Express.js, .NET, SpringBoot, GraphQL

**Database:** DB2, MS SQL Server, MongoDB, PostgreSQL, Neo4j, Firebase

**Libraries:** Pandas, NumPy, Matplotlib

**Others:** Git, Jenkins, JUnit, Karma, Specflow, GoCD, Github Actions, Zenhub, Docker, GDB