

ETHAN SYLVESTER

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[Portfolio](#) | [LinkedIn](#) | [Github](#)

SOFTWARE ENGINEER

Software engineer and diverse internship experience. Known for effective communication and problem-solving abilities, thriving both independently and in collaborative settings.

SKILLS

HTML/CSS/JavaScript, Typescript, Python, C#, C++, Java, PHP, Dart, React.js, React Native, Flutter, .NET Core, Nodejs, Flask, NoSQL, SQL, Firebase, AWS, Google Cloud, Data Structures and Algorithms, SDLC, System Architecture, Analytics, CI/CD

WORK EXPERIENCE

Step Sciences – London, ON | Full-Time

Mar 2024 – Present

Full-Stack Software Engineer

- Created and implemented automated processes to replace manual workflows, reducing manual entry errors by 90% and increasing operating efficiency by 60%
- Maintained HIPPA compliance for handling patient healthcare data transmission and storage
- Designed and built a reliable back-end API using RESTful design patterns to handle high traffic workloads
- Collaborated with CTO to construct data models that would scale as the business grows
- Responsible for providing system documentation including self documenting code as well as written diagrams
- Participated in code reviews and debugging sessions to determine edge cases and reduce logic errors by 30%
- Built 2 full stack applications using React, Firebase, and Flask, increasing customer experience satisfaction by 20%
- Managed continuous integration and deployment of full stack applications, and the configuration of databases
- Monitored Google analytics to provide up to date feedback about customer use, and identify potential risks
- Collaborated with Security Engineers to provide updates based on feedback increasing application security by 20%

George Brown College – Toronto, ON | Part-Time

Jan 2023 - Present

Teaching Assistant

- Streamlined class sessions by answering student questions in realtime resulting in 50% fewer lesson disruptions
- Schedule and attend one on one meetings with students to provide educational support resulting in students achieving 10-20% better scores
- Owned and moderated the classes discord for over 200 students and organized group study sessions and review
- Developed a bot that would handle student FAQs, record due dates, and provide faculty information for the class discord reducing professor outreach by 20%

EDUCATION

George Brown College – Toronto, ON

Jan 2023 – April 2025

Computer Programming & Analytics, Advanced Diploma

Dean's Honour List

RELEVANT PROJECTS

Growthly – Personal

Present

- A peer to peer money loaning application with competitive interest rates so that everybody wins
- Users sign up as either a lender who will post a loan or a borrower who will accept and repay a loan
- Widely available and accessible to anyone who wants to use it
- Technologies: React.js, React Native, Express.js, Google Cloud, Firebase, Github,

Service Voice – Personal

Present

- Connecting service industry workers through social feeds where people could share stories about their workdays
- Developed with the intention of holding consumers as accountable for their behaviour as we do service staff
- Find and add friends by searching their username, make posts with images or videos, and customize your profile
- Technologies: Dart/Flutter, Firestore, iOS, Android