

# Sam Sawan

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## EDUCATION

### McGill University

*Bachelor of Science in Software Engineering*

09/2020 – 05/2024

*Montreal, QC*

## SKILLS

**Languages:** Go, Python, JavaScript, Java, C, C++, SQL, Dart, GDScript

**Cloud:** Firebase, AWS, Google Cloud

**Database:** SQLite, MongoDB, PostgreSQL

**Developer Tools:** Git, GitHub

## EXPERIENCE

### NetRevenue

*Software Developer*

03/2025 – Present

*Montreal, QC*

- Designed and built multiple integrations for Setter.ai and Salesvue.io, implementing OAuth 2.0 authentication, schema-driven user configuration and event-based webhook processing across 5+ integration types.
- Developed backend services for token lifecycle management, contact synchronization and lead ingestion using MySQL, Node.js, and Axios, processing over 10k external API calls per day with retry logic and monitoring.
- Integrated Stripe into Setter.ai to enable dynamic subscription management, usage-based invoicing and prorated billing flows.
- Implemented Whop integrations in Salesvue.io, including checkout link generation, membership synchronization and billing preview functionality via Whop's REST API.
- Introduced and championed backend testing practices, increasing core test coverage to 70%+ and reducing deployment issues by 40%, improving release velocity and reliability.

### TheDevFactory

*Software Developer Intern*

09/2023 – 01/2024

*Montreal, QC*

- Built a customized chat completion model leveraging OpenAI's ChatGPT-4 API to integrate code snippets and SonarQube reports, enabling real-time feedback and suggestions to users based on coding best practices.
- Enhanced model performance through iterative refinement of prompts and adjustments to API interactions, resulting in a 10% increase of response accuracy.
- Proposed and implemented innovative strategies to optimize the AI code reviewer's functionality, focusing on delivering actionable insights based on industry best practices and software design principles.

### Apple

*Technical Specialist*

06/2022 – 04/2025

*Montreal, QC*

- Demonstrated strong problem-solving and debugging skills by diagnosing issues for Apple hardware and software, resulting in a 90% customer satisfaction rate for four consecutive quarters.
- Developed a systematic debugging routine to isolate the root cause of various issues like connectivity errors, application interaction conflicts and system malfunctions, resulting in an improved overall efficiency during appointments.

## PROJECTS

### Bookmarkd | Go, TypeScript, PostgreSQL, React, NextJS, Firebase, Docker, Figma

2024-2025

- Developed the frontend in TypeScript and NextJS using a component-based architecture, resulting in easier maintenance and ensuring scalability of the source code.
- Developed a scalable backend using Golang and PostgreSQL, designing a RESTful API to handle user requests and CRUD operations. Built relational database schemas that optimize query performance and support complex data models.
- Implemented key features, including a personalized book log for books already read, current reads and future reads, as well as a Book Club function for creating/joining clubs, sending invites, sharing comments, and updating reading progress.
- Integrated Firebase services, leveraging FirebaseAuth for secure user authentication.