

Breno Faria

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EDUCATION

Bachelor of Computer Science (Co-op)
Concordia University, Montreal, QC

2022 - 2026 (Expected)

WORK EXPERIENCE

Software Development Engineer Intern @ Amazon

May 2025 - Aug 2025

- Upcoming internship

Backend Developer Intern @ Flexspring

Sep 2024 - Dec 2024

- Tackled production bugs and implemented features in **Java**-based microservices, using **Jira** for task tracking
- Worked within SCRUM methodology, using **Git & GitBucket** for version control
- Optimized query efficiency by moving filtering logic to the backend, eliminating ~20,000 unnecessary queries per day, significantly improving page load times, and reducing strain on DB services
- Refactored a large portion of HTTP request handling and legacy code, streamlining API interactions, reducing redundant calls, and improving maintainability and performance

Software Developer Intern @ Federal Highway Police

May 2023 - Aug 2023

- Designed and implemented data aggregation tools with **Python** and **PostgreSQL** that were used on a federal scale, increasing case submissions by over 10%
- Developed several automation scripts, browser extensions using **JavaScript**, reducing the time spent on routine tasks by 50%
- Implemented and integrated new software solutions while assisting departments with technical challenges

PROJECTS & OTHER EXPERIENCE

Open-ed | backend developer

2025

- Designed and implemented the backend-services of an application, including an API serving video files and an API for user authentication, progress tracking and video metadata storage (**Golang/PostgreSQL**)
- Self-hosted the platform, configuring **NGINX** as a **reverse proxy** and **load balancer** to ensure security and scalability
- Containerized the backend using **Docker** for portability and horizontal scaling. Used Docker Compose to manage multi-container deployment, including PostgreSQL, NGINX and multiple APIs.

Director of Technology @ club HackConcordia

2024

- Participated the development and maintenance of the club's website and registration platform
- Contributed to the backend software development and maintenance of several projects within the club
- Technologies used: **TypeScript, MongoDB, Express JS**

Math tutor @ Concordia University

2023/2024

- Worked in the university's math department, providing one on one tutoring and organizing Exam Prep (comprehensive review) sessions
- Tutored several math courses, such as Linear Algebra, Calculus I, Calculus II, etc.

SKILLS

Programming languages | Java • Python • JavaScript/TypeScript • Go • C • Bash

Infrastructure & DevOps | Docker • NGINX • Google Cloud • AWS

Databases | PostgreSQL • MySQL • Firebase • MongoDB

Technologies | Git • Jira • Jenkins • Linux/Unix • NumPy

Languages | English • Portuguese • Spanish • French