

# Boucher Antoine

FULL STACK DEVELOPPER

Montréal, Quebec

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## Personal Profile

Antoine Boucher is a software engineer from Quebec, Canada. Currently Working on my Master Degree in Information Technology Engineering at École de technologie supérieure. I have a Bachelor's Degree in Information Technology Engineering from École de technologie supérieure. I have experience as a full-stack developer, and web specialist consultant.

Language: (Python, Kotlin/Java, JavaScript, C++, CSharp, NoSQL) DevOps: (Docker, Actions, Vercel, Cloudflare) Data Science: (Python, Pandas, NumPy, Matplotlib) Frontend: (React, Vue) Backend: (Node.js, Spring Boot, Django, FastAPI)

## Education

### École de technologie supérieure (ÉTS)

Montreal, Canada

Master's Degree in Information Technology Engineering

Sept 2023 - Sept 2025

Project Specialization: 3D rendering

### École de technologie supérieure (ÉTS)

Montreal, Canada

Bachelor's Degree in Information Technology Engineering

Sept 2017 - Apr 2023

- Technological Oriental Academic Path Program
- Specialization in Cloud Infrastructure
- AlgoETS Club Admin 2023-2024

### Collégial Sainte-Anne

Lachine, Canada

Cegep Diploma in Pure Science

Sept 2015 - Jun 2017

- Manager of the MakerSpace
- Internship Algolux (Pipeline Camera Optimisation)

## Work Experience

### IONODES

Laval, Hybrid

Internship Cloud Developer

May 2023 - Aug 2023

- Designed and implemented 3 tier subscription system organization based permission using Auth0 for the IoT platform.
- Developed Sentry SDK integrations in C to enhance logging with Serilog.
- Acquired knowledge on ONVIF, WebRTC
- **Technical Skills:** .NET6, UML, Word, Azure, Microservices, Auth0.
- **Soft Skills:** Design, Deployment, Documentation.

### Intact Labs

Montreal, Hybrid

Internship Backend Developer

Jan 2022 - Apr 2022

- Developed a microservice for new client registration for the Belairdirect and Intact mobile application using Kotlin and GraphQL under SAFe methodology.
- Enabled inter-microservice communication with GraphQL and Kafka for insurance user data.
- Implemented a 2-factor authentication (2FA) API for the mobile application.
- **Technical Skills:** Kotlin, Java, Microservices, GraphQL, Kafka
- **Soft Skills:** SAFe, Kanban, Scrum, Collaboration

### Power Go

Montreal, At Home

Internship Full Stack Developer

Sep 2020 - May 2021

- Created tables for managing the sale of used vehicles on resale sites like Facebook Marketplace, AutoHebdo, etc., and imported/exported specialized data for communication with APIs (XML, JSON, CSV, EXCEL).
- Developed a real-time currency exchange rate conversion system for export to API
- **Technical Skills:** Python, Django, JavaScript, VueJS, PostgreSQL
- **Soft Skills:** Kanban, Scrum, Client Feedback, Spec

### Wandrian

Montreal, On Site

Internship Full Stack Developer

May 2019 - Jan 2020

- Used a graphic design system for web components on shop.italiarail.com and implemented business logic for the train ticketing system.
- Developed an end-to-end automated testing system (Custom) to replace manual interface tests (TestRail), and ensured Internet Explorer 11 compatibility of the website.
- Created an API endpoint for the train ticketing system
- **Technical Skills:** Python, Django, JavaScript, JQuery
- **Soft Skills:** Kanban, Scrum, Multiple Technologie, Testing