ADAM NAOUI-BUSSON

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SOFTWARE ENGINEER

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PROFESSIONAL EXPERIENCE

MORGAN STANLEY, *Software engineer II* (Montreal)   August 2023 - now

Stack: Angular 19, Spring Boot, PostgreSQL, Kubernetes, Microsoft Azure, Jenkins

- Migrated a C# application to Angular, improving response time by **40%** and the experience of **100 internal users** .
- Optimized REST APIs by updating Spring Boot requests, reducing call latency from **500 ms** to **150 ms.**
- Deployed updates every 2-week sprint via CI/CD on Azure, ensuring **99.9%** availability.
- Adopted a TDD approach to achieve **100%** code coverage on new features.

MARCHÉ EPIPRESTO, *Full-stack developer*   September 2022 – December 2022

Stack: Expo (React Native), Apollo GraphQL, Node.js, MongoDB

- Developed a mobile e-commerce platform enabling merchants to sell online, reaching +**500 registered** products in 4 months.
- Migrated the REST API to GraphQL (Apollo Server), reducing server requests by 20% and improving request speed by **40%.**
- Integrated Stripe API, enabling seamless payment for **100+ active users.**

NATIONAL BANK OF CANADA, *Back-end developer intern*   May 2022 – September 2022

Stack: Spring Boot, PostgreSQL, Cucumber, CI/CD

- Developed and optimized **10+** REST APIs used by **50+** financial analysts.
- Automated BDD testing with Cucumber, achieving **100% coverage** of critical branches.

THALES CANADA, *Tools developer intern*   September 2021 – December 2021

Stack: MatLab, Symulink

- Automated **80%** of Quality Assurance tasks, reducing average test time from **4 hours to 30 minutes.**
- Developed an in-house electronic simulation tool, improving calculation accuracy by **20%.**

SENTIOM inc. , *IoT developer intern*   May 2021 – August 2021

Stack: Linux Bash, Python, Microsoft Azure

- Set up an MQTT bridge connecting **20 IoT devices** to reduce communication latency.
- Automate messaging configurations on devices via UNIX scripts..
- Sending events to Azure IoT Hub via Python

TECHNICAL SKILLS

- **Programming languages:** TypeScript, JavaScript, Python, Java
- **Front-End :** React, Next.js, Angular, Expo Go
- **Back-End :** Node.js, Express, Apollo Server, Spring Boot
- **API:** GraphQL, REST
- **Database:** PostgreSQL, MongoDB
- **Outils & CI/CD :** Docker, Kubernetes, Git, Jest, Cypress, Cucumber
- **Cloud & DevOps:** AWS, Microsoft Azure

FORMATION

ECOLE POLYTECHNIQUE DE MONTRÉAL   *Bachelor of Computer Engineering (B.Eng.)*

September 2018 – May 2023

CERTIFICATIONS

APOLLO GRAPHQL – January 2024
Graph Developer – Associate (https://www.apollographql.com/tutorials/certifications/308df5cd-c118-463f-9024-d9ba27e7c5ea*)*
Graph Developer – Professional (https://www.apollographql.com/tutorials/certifications/4dd19dad-1454-4bf8-a8df-affb051c127c*)*

LANGUAGES

- **French:** Native
- **English:** Fluent