

Ny Hanjara Randriakoto

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French, English

EDUCATION

Bachelor of Software Engineering

August 2025

École de technologie supérieure (ÉTS), Montreal

Technological Academic Path

August 2021

École de technologie supérieure (ÉTS), Montreal

PROFESSIONAL EXPERIENCE

Software Developer

May 2025 – August 2025

Desjardins, Montreal

(Internship)

- Participated in migrating internal applications from .NET Framework to .NET Core, adapting the code to ensure compatibility and performance.
- Contributed to the improvement of existing features across several projects developed in C#.
- Performed production deployments of new features in the network environment.
- Provided technical support to the HR and Communications teams to resolve issues related to custom-developed internal tools.

Software Developer & IT Support

January 2024 – May 2025

Owens Corning, Salaberry-de-Valleyfield

(Part time)

- Develop, maintain, and enhance the company's internal Microsoft Access application, adding new features, fixing bugs, and improving user experience.

Software Engineer

May 2023 – December 2023

Schneider Electric, Dollard-des-Ormeaux

(Internship)

- Participated in various stages of application development, primarily using C# and the .NET framework.
- Contributed to the development of applications for client projects, ensuring adherence to project requirements and timelines.
- Collaborated on internal projects and tools, providing support as needed, utilizing C# and .NET to improve functionality and performance.
- Programmed new applications and enhanced existing ones, with a focus on Foxboro system integration and other application types such as Web, Windows services, scripts, etc.
- Participated in server migration tasks, ensuring seamless transitions and minimal disruption.
- Write unit tests
- Write application documentation

IT Support

September 2022 – April 2023

Owens Corning, Salaberry-de-Valleyfield

(Part time)

- Provide IT support to employees, troubleshooting and resolving technical issues to ensure smooth operations.
- Participate in software updates

IT Support Specialist**May 2022 – August 2022**

Owens Corning, Salaberry-de-Valleyfield

(Internship)

- Designed an online form using HTML, CSS, and JavaScript
- Image and deploy computers
- Provide IT support to users with their requests
- Participate in software updates
- Assist with any other IT-related needs

Administrative Assistant**May 2021 – August 2021**

Minister of Transport of Quebec, Montreal

- Prepared payroll-related documents.
- Maintained and updated filing systems and databases.
- Coordinated communication between various parties.
- Responded to inquiries by phone or in person.

PROJECTS

Development of my personal website – Individual Project**2025**

- Built with React, Vite, and TailwindCSS for a modern and high-performance interface.
- Integrated a multilingual system (French/English) using i18next.
- Designed a responsive layout adapted to all screen sizes (desktop and mobile).
- Implemented a modular architecture with reusable components.
- Automated deployment on Vercel, with source code management via Git/GitHub.

Mobile Application Development – Capstone Project**2025**

- Built with React Native for Android and iOS.
- Implemented a modular architecture based on SOLID principles.
- Integrated a REST API for user data management.
- Used Firebase for authentication and storage.
- Worked independently, delivering professional-level documentation and presentation.

Design of an Application Displaying Images with Perspectives**2022**

- Applied object-oriented programming concepts.
- Implemented design patterns.
- Developed the application's design model.

Design of a Frisbee Launcher**2020**

- Modeled parts using SolidWorks.
- Designed electrical circuits on PCB.
- Coded the program for a microcontroller.

TECHNICAL SKILLS

Programming & Tools: C#.NET, Java, GitHub, Azure DevOps, language C, Javascript, TypeScript, MongoDB, Python, HTML, CSS, TypeScript, DevExpress, Jira, Object-Oriented Programming (OOP), MS Access, MS Office, SolidWorks, AutoCAD, RSLogic 500, Altium