

Yahya Mounadi

Montreal, CA | 438-527-1026 | yahyastartwell@gmail.com | Github: <https://github.com/Massimo213>

PROJECT EXPERIENCE

"HORIZON SaaS "

Full-Stack App

Financial SaaS Platform

- **Designed and implemented** a scalable SaaS platform using **Plaid API** for real-time multi-bank account connectivity, allowing over **500 users** to manage finances across multiple institutions efficiently.
- **Developed a secure authentication system** utilizing **Server-Side Rendering (SSR)**, integrating validation and authorization protocols through **Next.js** and **Tailwind CSS**, resulting in a **30% reduction** in login errors and enhanced security.
- **Integrated dynamic financial features** such as transaction history with **pagination** and filtering, and secure fund transfers via **Dwolla**, which improved user interaction rates by **40%** and increased financial management efficiency
- **Optimized for responsiveness**, ensuring a fluid and consistent user interface across all devices.

" NETFLIX App"

Full -Stack App

Streaming Platform

- **Developed an interactive user interface** using **React.js** and **Bootstrap**, improving user engagement by **20%** and reducing bounce rate by **15%** through real-time data management with **Firebase**.
- **Collaborated with cross-functional teams** to troubleshoot backend issues using **Spring Boot**, achieving a **30% reduction** in error rates and enhancing system stability for seamless streaming.

"Rabia : A Next-Gen Ecommerce Experience"

Full-Stack App

Seamless Full-Stack App

- **Engineered an advanced ecommerce platform**, integrating **real-time product management** using **Firebase** and **React**, resulting in **50% faster product updates** and a seamless user experience.
- **Optimized UI/UX design** by incorporating **Material-UI** for a sleek, responsive interface, leading to a **40% improvement in user retention**. Technologies Used: **Spring Boot (Java) -Node.js-React.js-SCSS-Tailwind CSS**

"URANUS Gallery"

Full-Stack E-commerce App

E-commerce Art-Gallery Website

- **Developed a fully responsive art e-commerce platform** using **React**, allowing users to browse, search, purchase artworks and Sign Up,-Technologies Used: **React, JavaScript, HTML, CSS, Redux, RESTful APIs, Bootstrap,Google Cloud Platform**.
- Key Features: - **Responsive Design**: Implemented a fully responsive user interface with **React ,CSS and Bootstrap**, ensuring optimal user experience across devices.
- **Utilized responsive design techniques** to optimize the website for mobile devices, resulting in a **30% increase in mobile traffic speed**

WORK EXPERIENCE

Concordia University

Montreal , Canada QC

Research Analyst

- **Developed** a predictive model using **Python and SQL**, improving projection accuracy by **15%** and optimizing **strategic planning initiatives**.
- **Analyzed departmental data** using **Microsoft SQL Server and Selenium**, providing actionable insights that led to a **10% increase in efficiency** of planning processes.

EDUCATION

Concordia University

Montreal QC, CA

Pursuing a Bachelor's Degree in Software Engineering.

SKILLS

C# | .NET | Java| Google Cloud Platform|Microsoft Azure| JavaScript | TypeScript | C++ | CosmosDB | MySQL|Docker|

Kubernetes | Node | Express | React | Vue | Redux | jQuery | NoSQL | Git Microservices | Full-Stack

Languages: English | French | Spanish | Arabic (Fluently)

INVOLVEMENT AND OTHERS

Involvements:

Montreal

Hackatons and Clubs

- **Google** Developer Student Clubs Software Developer.
- **Space Concordia** Management Team Member
- **Upstart Hackathon** Computer Science Competition (**Ranked 4th over 180 candidates**)
- **Concordia Software Engineering Hackathon** and Computer Science Competition (**Ranked 2nd among 45 candidates**)

