

Rick Lionel ONANA

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WORK EXPERIENCE

Xtensus

Full Stack Developer Intern

Apr 2020 - Aug 2020

- Enhanced two modules of a budget management web application for governments using Spring framework for Back-end, Richfaces for UI, and MySQL database, enabling budget creation, validation, and tracking by ministry
- Improved the hierarchical validation workflow with an approval stage to optimize budget management and cut processing time by 25%
- Collaborated with a senior developer and application tester in an agile environment, in order to enhance code integration processes and reduce bug reports during the testing phase

YobiTrust

Cybersecurity Technician Intern

Jul 2019 - Aug 2019

- Integrated intrusion detection software such as Snort and Ossec, leading to a 60% improvement in real-time threat detection and mitigation.
- Configured a dozen of firewall rules, enhancing security of services deployed on the network, in order to reduce unauthorized access attempts
- Deployed of a centralized logging system utilizing the ELK Stack, consolidating data from 3 distinct sources and enhancing monitoring efficiency, resulting in faster incident response times

EDUCATION

Ahunatic College

Montréal, QC

AEC in Mobile Applications Development

Graduation Date: Feb 2025

ESPRIT

Tunisia

Software Engineering degree - CyberSecurity Stream

Graduation Date: Nov 2021

PROJECTS

Rekap

Montréal, QC

Mobile Application for Invoice and Warranty Management

Dec 2024 - Jan 2025

- Created the interface in Ionic, Vue.js, and TypeScript for the warranty product list, including search and advanced filtering features. Used Git/Github for version control
- Added a reminder system in Node.js and Supabase to notify users of warranty expirations, exchange periods, or refunds
- Integrated an OCR module with the Gemini API, achieving 80% accuracy in automated data extraction from invoices and warranties.

Mobile Application for managing and sharing journeys

Montréal, QC

Developer

Oct 2024 - Nov 2024

- Developed a route management and sharing application using Ionic, Vue.js and TypeScript, enabling users to create and visualize routes on an interactive Leaflet map with GPS positions
- Implemented route sharing features via a REST API, allowing users to share their routes with others seamlessly

SKILLS

Languages: Typescript, Kotlin, Swift, Javascript, Java, C++, HTML/CSS, PHP, SQL

Frameworks/Libs: Ionic, NextJs, React, React Native, Nodejs, Vue.js, Tailwind, Bootstrap

Tools: Android Studio, Jetpack Compose, SwiftUI, UIKit, MongoDB, PostgreSQL, Docker, Github, Linux