**JOHN JEGEDE**

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**OBJECTIVE**: A motivated and detail-oriented Software Developer with experience in building dynamic web applications. Passionate about solving complex problems and delivering robust, user-friendly software solutions. To add value to your organization, while having the opportunity to further enhance the development of my skills for your company’s benefit.

**TECHNICAL SKILLS**

Front-End Development: HTML, CSS, JavaScript, TypeScript, React , Next js

Back-End Development: Django, Python, Node.js, Express, REST API Development

Database Management: MySQL, PostgreSQL, Mongo DB

Version Control: Git, Gitlab

Mobile Development: React-Native, Android

Programming language: C/C++, Kotlin

Operating systems: Windows, Linux.

Cloud: Docker, Kubernetes, AWS

Other: Gitlab, Jira, Confluence, CLI.

**EDUCATION**

Covenant University, Ogun state, Nigeria.

***Bachelor of Engineering, Electrical and Electronics Engineering***

Carleton University, Ottawa, Ontario, Canada.

***Master of Engineering, Electrical and Computer Engineering***

Carleton University, Ottawa, Ontario, Canada.

***Master of Science, Computer Science***

**CERTIFICATION**

Carleton University, Ottawa, Ontario, Canada.

***Certificate, Full Stack Web Developer***

**RELEVANT WORK EXPERIENCE**

Dell Technologies May 2021 – Present

**Software Developer**

* Designed, developed, and implemented the frontend and backend web application features for the radio access network (RAN) domain controller (RDC) used in configuring 5G RAN devices over the web.
* Collaborated with senior developers to design the application and build user interfaces.
* Worked on backend development using node js, creating RESTful APIs, implementing data models and views, that served data from the PostgreSQL database to the JavaScript frontend (MVC).
* Developed React components, Material UI, Redux store, and backend APIs for the RDC 5G RAN web application.
* Debugged and resolved issues in existing code base, both frontend and backend.
* Involved in Implementing a microservices architecture by creating docker containers for the different services and communicating with them via an API gateway.
* Utilized Git for version control, facilitating collaborative development and code management in an agile environment.

Semtech, Ottawa Ontario

**Firmware Engineer II** September 2019 – January 2020

* Designed and implemented firmware functions in C/C++.
* Wrote python codes that generated commands used for making the hardware perform a task.
* Debugging and troubleshooting of the firmware.
* Contributed to code reviews and software feature design meetings.

Ross Video, Ottawa Ontario

**Embedded Software Engineer** January 2019 – September 2019

* Software development in Linux environment with C/C++.
* Developed some features in C on a large switcher.
* Debugged multithreaded application.

Integrated Device Technology (Timing and Synchronization Group), Ottawa Ontario

**Firmware Engineer 2** July 2017- October 2018

* Implemented, maintained and debugged timing device firmware in C.
* Produced and maintained API and user documentation.
* Performed and maintained on target unit tests.
* Verify functional software on hardware platforms.

**RELEVANT PROJECT EXPERIENCE**

**React Native mobile Application development** June 2023

Wedding seat (Personal project) [https://weddingseat-1a5db.web.app](https://weddingseat-1a5db.web.app/)

* I design and developed a React Native mobile application for showing a wedding guest the location of their seat. After learning react native in less than a week on coursera.
* I hosted the application on firebase.
* I created a QR code and NFC chip so that guest scanned the QR code or NFC chip with their phone to access the webpage.

**Android application development** (Mobile Commerce Course) January 2022 – April 2022

Carleton University – Course project (a group of 2)

I made use of kotlin in android studio to write the implement the following application

* Built a quiz application.
* Built an application for tracking user activities such as (walking, running, in a vehicle and still)
* Built a new student guide application: https://github.com/MCola214/CSI5175-Group-Project

**Web Projects (Full Stack Web Development Course)** November 2020 – May 2021

Carleton University

* A Weather App: https://github.com/johnjegede/Weather\_App
* A Workday Schedular App: https://github.com/johnjegede/Schedular
* A Quiz App: <https://github.com/johnjegede/QuizApp>

**PROFESSIONAL MEMBERSHIP**

Institute of Electrical and Electronic Engineers IEEE

**EXTRA-CURRICULAR ACTIVITIES**

Travelling, Reading, Watching, and playing soccer, watching movies