



EMMANUEL VICTOR

SOFTWARE ENGINEER

CONTACT

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EDUCATION

2014 - 2019

FEDERAL POLYTECHNIC

- HND Mechanical Engineering

TECHNICAL SKILLS

- C++
- Python
- React
- JavaScript
- Qt Framework: Widgets, QML, Signals and Slots.
- Version Control: Git
- Figma and Photoshop.

LANGUAGES

- English (Fluent)
- Igbo (Fluent)

PROFILE

I am a software engineer with extensive experience in designing and implementing robust solutions using C++, Python, React, and the Qt Framework. My object-oriented programming skills and focus on quality allow me to create efficient and cross platform applications. I have a successful background in mid-senior level roles

WORK EXPERIENCE

STEMVISION

2023 - PRESENT

HMI For Vehicle Monitoring

- I have developed a highly advanced vehicle monitoring application using the Qt framework. The application boasts a modern and sleek user interface inspired by Tesla's design principles. This project showcases my proficiency in programming languages such as C++ and Qt. Additionally, it demonstrates my ability to create visually appealing and intuitive interfaces that are perfect for data visualization and control.
- Key Features:** Real-time data visualization, Touchscreen controls, Map integration, Energy efficiency analysis, media functionality like camera detector for reverse control system and audio player.
- Link:** https://github.com/gem870/Modern_TESLA_GUI

Car Dashboard:

- Designed and implemented a customizable car dashboard application in C++ and Qt. Integrated various sensors and input devices to provide real-time vehicle data such as speed, fuel level, and temperature. Implemented features for data visualization and user customization.
- Link:** https://github.com/gem870/Car_DashBoard

SMP EDUCATIONAL SOLUTION

This comprehensive school management portal redefines education by seamlessly integrating features for students, parents, and teachers.

- Features:**
- For Students:**
 - Access to schedules, assignments, grades, and resources.
 - Empowerment in their learning journey.
- For Parents:**
 - Real-time performance tracking.
 - Direct communication with teachers.
 - Automated event reminders.
 - Secure access to academic records.
- For Teachers:**
 - Tools for lesson planning and grade management.
 - Communication with parents.
 - Collaboration with colleagues.

SOFT SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

- **Additional Features:**
- Mobile compatibility.
- Intuitive interfaces.
- Attendance tracking.
- Fee management.
- Professional development resources.

Technologies Used: Built with JavaScript, React, and React Redux. This portal fosters a dynamic educational environment for all stakeholders.