

# Christian Onyeukwu

www.christianonyeukwu.com  
christianonyeukwu@gmail.com | 819.919.6872

## EXPERIENCE

### ECR TECHNOLOGY SERVICES | SOFTWARE ENGINEER

Aug 2016 – May 2022

- Designed and implemented cloud-based solutions to modernize legacy systems, reducing downtime by 40%.
- Led the development of the QikPharma web application for medication prescriptions, integrating real-time customer feedback loops to continuously improve system accuracy.
- Developed and deployed RESTful APIs using Java Spring Boot and NodeJS, ensuring scalability and security best practices.
- Delivered technical support for critical systems, resolving 90% of escalated issues within SLA timelines.

**IMPACT:** Improved system reliability and customer satisfaction scores by 35%.

### BISHOP'S UNIVERSITY | TEACHING ASSISTANT

Feb 2022 – May 2022

- Grade assignments, quizzes, lab reports, and exams in alignment with the instructor's guidelines.
- Maintain course-related records, such as attendance or grades, and provide constructive feedback to students to help them improve their understanding and performance.

**IMPACT:** Increased student engagement by 25% through interactive learning techniques

### MICHAEL OKPARA UNIVERSITY OF AGRIC. | LECTURER

Feb 2019 – Dec 2021

- Deliver lectures, tutorials, and practical sessions in computer science topics such as programming, algorithms, databases, and artificial intelligence.
- Guide students in laboratory sessions, ensuring that they gain hands-on experience with programming tools and technologies.

**IMPACT:** Improved overall student performance by 18% over three academic sessions through curriculum enhancements, hands-on labs, and targeted mentoring.

## PROJECTS

### QIKPHARMA - (MEDICAL PRESCRIPTION MGT. SYSTEM) |

PLANNING LEAD

Jan 2021 – 2022 | ECR Technology Services

- Defined and implemented multi-role workflow paths from *pharmacist* → *prescription validation* → *approval* → *fulfillment*.
- Developed and deployed REST APIs for the backend processes, ensuring scalability and security best practices.

### CHIT CHAT | CLASS PROJECT FOR DISTRIBUTED CLIENT-SERVER PROGRAMMING

Apr 2022 – May 2022 | BU, CA

- Lead the development of **Chit Chat**, an anonymous chat application created as a class project.
- Chit Chat provides real-time communication while utilizing a Java backend and ReactJS frontend.

## EDUCATION

### BISHOP'S UNIVERSITY

MASTER OF SCIENCE IN COMPUTER SCIENCE

Graduated Dec 2024 | Sherbrooke, CA.

Cum. GPA: 89%

## SKILLS

### PROGRAMMING

Java (fluent) • HTML (fluent) • JavaScript (fluent)

PHP (previous experience) •

Laravel (previous experience)

SpringBoot (fluent) • ReactJs (fluent) •

NodeJS (fluent)

Python (fluent) • C/C++ (previous experience)

### TECHNOLOGY

Git/Github • AWS • Linux

UNIX • Windows • ROS

Artificial Intelligence • Automation

Docker • Kubernetes • Jenkins • Ansible

CI/CD Pipelining • Shell Scripting

Kafka • Microservices • MySQL

• PostgreSQL

### METHODOLOGY

Agile • DevOps • TDD • Waterfall

## PUBLICATIONS

[1] C. Nworu, E. Ekpenyong, J. Chisimkwuo, C. Onyeukwu, G. Okwara, and O. Agwu. The effects of modified relu activation functions in image classification. *Journal of Biomedical Engineering and Medical Devices*, 2022.

[2] C. Onyeukwu and S. Bruda. Algebraic/logical verification for real-time reactive systems. *Bishop's University, MSc Theses*, 2024.

## CERTIFICATIONS

Certified JavaSE Programmer, Oracle -2016

## LINKS

Github:// [christianRibig5](#)

LinkedIn:// [christianonyeukwu](#)