

# Jacques Oneil J. Gonzalez

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## PROFILE OVERVIEW

Interested in Software Engineering, DevOps, Cloud and Cybersecurity with 5 months of hands-on experience with AWS and Linux and 2 months on Java and Software Testing. Proficient in diverse technologies which includes Java, SQL, Python, React and Flutter.

## EDUCATION

**Mapúa University** – Weighted Average: **2.03** and Quarterly Weighted Average: **1.4**  
**Bachelor of Science in Information Technology major on Application Development**  
**THESIS**

**Makati City, Philippines**  
August 2021 – February 2025

### Development of 3D Web-Based Virtual Laboratory for Mechanical Engineering Machine Shop Training

Created an E-Learning Web Application using React, Tailwind, and Laravel with the labs created using Unity along with C# scripts.

- Spearheaded the website's UI and frontend development using **React** and **Tailwind** and deployment using **Hostinger**, achieving a **Pearson correlation coefficient of 0.836**, reflecting a positive impact on student performance from 30 students.
- Assisted with creation of the Virtual Laboratory simulations using **C# Scripts** and Unity.

## EXPERIENCE

### McDonald's Philippines

**Makati City, Philippines**

#### Digital Technology Intern

September 2024 – November 2024

Integrated **20 automated test cases** of McDo apps using Java and maintained an application framework recording using XPath.

- Assisted with **web automation testing** of McDo applications using **Java** ensuring updated along with CI/CD delivery.
- Worked closely with developers on iOS manual testing while contributing to Web testing, including kiosks and POS systems, within a team. Meticulously created detailed test cases, identifying and addressing **10 critical issues** prior to launch.

### Globe Telecom

**Taguig City, Philippines**

#### Security Researcher Intern

April 2024 – August 2024

Developed a Proof of Concept (PoC) using an open-source SIEM, achieving a potential **cost reduction of \$50,000 annually** after configuring the **AWS** environment using **Amazon Linux** for better log tracking and security event analysis.

- **Led the agent deployment** on Windows and Linux OS using AWS EC2 instance, **increasing deployment efficiency by 60%**.
- Executed key tasks using Linux commands upon configuring indexer and agent deployment for Windows and Linux.
- Documented all errors encountered throughout the development process on Linux, leading to **40% reduction** in development time for other employees by identifying and resolving common issues they may encounter.

## IT PROJECTS

**BGV Labs:** Developed an e-learning app for 30 students using **React** and **Tailwind**, integrating labs with Unity for interactivity.

**GVendor:** Developed a centralized vendor repository web app using **React**, **Tailwind**, and **Springboot** for vendor tracking.

**SANA Shelter Pet Adoption Website:** Built web app using **PHP** and **JS**, enabling users to adopt from a selection of 10 pets.

**OPMusic Player Desktop Application** Designed **Java**-based MP3 player for 5 songs using Java Swing, to display and play music.

**Slimodoro:** Developed and deployed for production a Pomodoro Android app using **Flutter** and **Google Play Console**, reaching a total number of 18 users by integrating a timer and task management features, resulting in enhanced focus and task completion.

## SKILLS

**Technologies:** Java | Python | MySQL | OracleDB | Springboot | React | Flutter | Tailwind

**Tools:** AWS | Linux | Google Play Console | Github | Git

**Soft Skills:** Collaboration | Adaptability | Active Listening | Documentation | Presentation | Receptive | Critical Thinking

## ORGANIZATIONS AND VOLUNTEER EXPERIENCE

**Webmasters Guild (WMG)**, Mapúa University

August 2021 - September 2022

Participated in events, including a pitch contest that won first place after presenting our "Cash Machine" proposal.

**Senior Red Cross Youth Society**, San Beda University – Rizal

June 2019 - May 2021

Served as first responders at school events and received a comprehensive training for emergency situations.

## CERTIFICATIONS AND TRAININGS

IBM Front-End Developer Professional Certificate, IBM

July 2024

TOEIC Certificate for Reading and Writing, TOEIC

March 2024

AWS Academy Cloud Foundations, AWS

January 2024

UX: Research and Prototyping, UC San Diego

January 2024

Version Control with Git, Atlassian

July 2023

Visual Elements of User Interface Design, CalArts

July 2023

Essential Tools for App Development, LearnQuest

April 2023

## EXTRACURRICULARS ATTENDED

KMC Hackathon 2024 – **Top 10 Finalist**

October 2024

Pitched an **AI-Powered Interview Analytics Figma Prototype** after making it to top 10 out of 21 teams.

Globe Developers Conference

August 2024

AWSome Conference Day

July 2024

Globe Campus Connect

May 2024