






Nicanor Jay B. Enguerra

A determined and hardworking software developer with experience in the airline industry, where I was part of the maintenance team. Currently working as a handy person, I am looking to re-enter the tech industry after taking a deliberate break. This time has allowed me to expand my skill set and prepare for new challenges. Passionate about continuous learning, I am eager to leverage my technical skills, problem-solving abilities, and hands-on experience in a dynamic work environment where I can contribute and grow.

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Work Experience

Copthorne Tara Hotel - Handy Person

MAY 2024 - CURRENT

- Handled general maintenance tasks in a hotel, including repairs, equipment troubleshooting, and ensuring property safety.
- Collaborated closely with multiple departments to install, upgrade & program 833 TV's to improve guest experience and ensure seamless integration whilst minimising disruptions
- Implemented a shared document system to improve communication and transparency among project stakeholders and colleagues
- Leveraged my technical background to serve as a reliable liaison between maintenance and IT departments, fostering improved communication and collaboration

Aries Arise - Warehouse Operative

FEB 2024 - MAY 2024

- As part of a collaborative team, achieved a 33% faster warehouse migration than anticipated, demonstrating effective teamwork and problem-solving skills.
- Accurately tracked stock levels, minimised inventory discrepancies, and maintained optimal stock rotation.
- Proactively processed orders, ensuring timely and accurate delivery to customers.

Wiley Edge - Software Developer on-site at Amadeus

JAN 2022 - AUG 2022

- Worked as part of the Customer Management Maintenance Team in an agile framework (SAFe) to ensure that the technical design and product functionalities are delivered to the customer (airlines/airports) based on the solutions agreed upon with all stakeholders involved. Such areas include reservations, departure control systems, customer transfer processes, and the synchronisation of passenger data.
- Worked mainly with C++ & Python to apply a test/behaviour driven development process in order to implement new functionalities, fix any incidents, and write up both unit tests & regressions to monitor their status.
- Used SQL (Oracle) to implement new functionalities for stakeholders in a timely manner, and took responsibility in monitoring the associated loads to ensure no new issues were raised from feature activations.

Skills

Technologies

SQL, Java, Kotlin (Jetpack Compose for Android)

Tools

Git/Github, Windows, Linux, Visual Studio Code, Eclipse, Android Studio, Microsoft Office

Education

University Of Nottingham - BSc Computer Science (2:1)

SEP 2018 - JUN 2021

- Relevant courses : Software Engineering, Algorithms, Data Structures, Databases & Interfaces, Mobile App Development (Android), Fundamentals of AI, Systems & Architecture

Kensington Aldridge Academy (Sixth Form)

SEP 2016 - JUN 2018

- Further Mathematics, Mathematics, Physics, & Computer Science

St Thomas More RC Language College

SEP 2016 - JUN 2018

- 9 GCSEs, grade A*-B, including Maths(A) and English(AB)

Professional Development

Enthusiastic Pursuit of New Technologies

- Actively engaged in self-directed learning, utilising resources such as Codecademy and FreeCodeCamp, to expand my knowledge and skills.
- Currently focusing on enhancing proficiency in Android development with a particular emphasis on Kotlin in my spare time. I am reinforcing my learning by working on mini-projects, alternating between native Android development and exploring Jetpack Compose to strengthen my understanding of core mobile technologies while gaining practical experience with modern Android frameworks.

Projects

Mobile Android Apps - Built with Kotlin & Jetpack Compose

- Iteratively building multiple user-friendly Android apps to learn modern app development. Such examples include Digitally, Ticker & UpLift - intuitive apps that empower users to monitor their progress and achieve their goals
- Technologies used: Android Studio, Kotlin, Jetpack Compose & RoomDB

Python Project (University) – Chatbot

- Created a question-answering, natural language processing chatbot. The chatbot was able to retrieve answers with varying degrees of question input typos, as well as being able to automatically retrieve a user's name from an input string. This was done by classifying the user input as either conversational or question-answering, and then returning the appropriate response using similarity indexing with an existing dataset.
- Technologies used: Python, Natural Language Toolkit, PyCharm.

Java Project – Credit Score Helper

- Worked in a small team to create a mobile android application to track consistency in habits, to potentially help those who are 'credit invisible' to increase their credit score ratings.
- Technologies used: Java, Android Studio, GitHub, Firebase.

Additional Information

In addition to my focus on Android development, I have a deep interest in creative pursuits. I enjoy designing and crafting intricate paper crafts, such as dioramas inspired by pop culture and personal experiences. I also have a background in archery, having competed during my first year of university, and plan to resume this hobby soon.