



### JIM PAUL G. NIÑERIA

Junior Programmer | Computer Engineer

Cordova, Cebu, Philippines

09661431942

[nineriajimpaul@gmail.com](mailto:nineriajimpaul@gmail.com)

A computer engineer with experience in software development, hardware programming, IT support, and database management. Skilled in leading academic and organizational projects, with proven ability to design, develop, and maintain innovative systems for educational and business environments. Strong background in project management, and technical problem-solving, with certifications in emerging technologies such as AI, Cloud, and Agile methodologies.

### TECHNICAL SKILLS

- **Productivity Tools:** MS Office (Word, Excel, PowerPoint, Outlook, Teams)
- **Software Development:** C, C++, C#, Java, Android Studio, Python Programming
- **Web Development:** HTML, CSS, JavaScript, PHP, XAMPP Server, React JS
- **Hardware & Circuits:** Micro C, Arduino, Verilog HDL, Notepad ++
- **Networking & Systems:** Cisco, Microprocessors, Kali Linux, VB.
- **Database Management:** MSSQL, MySQL, MS Access
- **Project Management & Collaboration:** Git, GitHub, Bitbucket, Trello, ClickUp
- **Data Analytics** – Power BI for Data Visualization

## WORK EXPERIENCE

### **University of Cebu, Inc. – Cebu**

*Junior Programmer / Software Developer (2024 – Present)*

- Develop, maintain, and enhance institutional information systems to improve operational efficiency.
- Perform debugging, system optimization, and feature enhancements for existing applications.
- Collaborate with accounting, records, and cashiering offices to support system requirements.

*College Instructor (2024 – Present)*

- Teach Engineering and IT-related courses covering programming, hardware, and database systems.
- Prepare instructional materials, activities, and assessments aligned with curriculum standards.

### **University of Cebu Lapu – Lapu and Mandaue (UCLM) – Cebu**

*Data Entry Encoder (2023 – 2024)*

- Supported the Records and Accounting sections by encoding and verifying student information.

*Working Assistant Scholar – Electronic Data Processing Section (2022 – 2024)*

- Provided IT support and assisted in system maintenance for university records.

### **Qualfon Philippines – Cebu**

*Technical Support Associate (2021)*

- Delivered front-line technical support, troubleshooting, and customer assistance.

### **Mandaue City Hall – Management Information Systems Office (MISO)- Cebu**

*Student Immersion (2019 – 2020)*

- Assisted in system administration and city IT operations.

## EDUCATION

### COLLEGE

University of Cebu Lapu - Lapu and Mandaue (UCLM)  
Bachelor of Science in Computer Engineering (BSCpE)  
2020 - 2024  
Bachelor's Degree  
Service and Leadership Awardee

### SENIOR HIGH SCHOOL

University of Cebu Lapu - Lapu and Mandaue (UCLM)  
TVL - ICT Strand Major in Computer Programming and Hardware  
Servicing  
2018 – 2020  
With Honors – Top 9

## CERTIFICATIONS & LICENSES

- Agile Explorer – IBM
- Artificial Intelligence Fundamentals – IBM
- Digital Literacy – IBM
- Data Fundamentals – IBM
- Web Development Fundamentals - IBM
- Ethics of Generative AI – LinkedIn
- Microsoft 365 for Business – LinkedIn
- Generative AI – LinkedIn
- Hardware Computer Basics – Cisco

## LEADERSHIP ROLES

- Vice President (External) - Institute of Computer Engineers of the Philippines - Student Edition *ICPeP.Se* (2021 - 2022)
- UCLM Engineering Council (2021 - 2022) - Board of Directors
- UCLM Engineering Council (2023 - 2024) – Health and Safety Officer

## **PROJECTS IMPLEMENTED / MAINTAINED**

### **Automated College Diploma Generator**

University of Cebu Lapu – Lapu and Mandaue – Software Development  
C#, MsSQL for College Records Section

### **Automated Library Statistics Report**

University of Cebu Lapu – Lapu and Mandaue – Software Development  
C#, MsSQL for Library Department Real Time Report

### **Student Campus Information Systems**

University of Cebu Lapu – Lapu and Mandaue – Software Development  
C#, MsSQL – Maintain, Debug Error/Fix, Add Features, Queries

### **Order and Billing Management System**

Kristal Kaye Trading - Software Development  
Java Programming, MySQL for Database Sales, Product Purchase and Billing

### **Reservation Management System**

Canjulao Private Pool - System Analysis and Design  
C#, .NET MVC, HTML and CSS for Booking and Accommodation

### **IoT - Water Tank Level Detector with Monitoring Application System**

Embedded Systems  
MIT App Inventor, Arduino IDE Water Level Monitoring and Level Detection

### **Smart Home Lighting Automation (Miniature)**

Side Project Hardware Programming  
Arduino IDE, Electronic Sensors, Components, Fairy Lights

### **PARKompanion: A YOLO V8-based System for Vehicle Monitoring and Real-time Parking Management in UCLM.**

Thesis Design Project  
HTML, CSS, JavaScript, Python, YOLO V8, Paddle OCR, NVidia Cuda for Vehicle Plate Detection and Parking Assistance Management

**REFERENCE**

**MARY ROSE R. MAHUSAY**

OIC, UCLM EDP Section  
09310364102

**ENGR. ROLAND B. FERNANDEZ**

Dean, UCLM College of Engineering  
09235219221

**SHIRFRED A. TACDORO**

Business Process Analyst, Teradyne Philippines  
09661630686

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