# JAN MIGUEL R. DEL ROSARIO

## BSIT STUDENT | OJT APPLICANT

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📍 San Fernando, Pampanga

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## EDUCATION

**BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**

**PAMPANGA STATE UNIVERSITY**

**2022- PRESENT**

## TECHNICAL SKILLS

### PROGRAMMING

- HTML, CSS, JS
- PHP, MYSQL
- Arduino (Embedded C)

### NETWORKING

- Network Simulation (Cisco Packet Tracer)
- Basic Hardware & Software Troubleshooting
- LAN Setup & Troubleshooting

### TOOLS

- VS CODE
- WORDPRESS
- ARDUINO IDE
- PHPMYADMIN
- CANVA/FIGMA

### SOFT SKILLS

- Teamwork
- Problem-solving
- Fast learner
- Time management

## REFERENCE

**ANICIA L. FERRER | MSIT | OJT COORDINATOR**
**PAMPANGA STATE UNIVERSITY**
**RELATIONSHIP:COORDINATOR**

## OBJECTIVE

I am a 4th-year BS Information Technology student seeking an OJT/Internship opportunity where I can gain hands-on experience in a professional environment. I am eager to learn from industry professionals, adapt to new challenges, and develop practical skills that will prepare me for a future career in IT. I am committed to contributing positively to the organization while growing both personally and professionally.

## PROJECTS

### CAPSTONE PROJECT

Crash Guard: A Smart Helmet with Alcohol Detection and Crash Alert for Motorcycle Rentals

- Developed an IoT-enabled smart helmet for motorcycle rentals
- Implemented alcohol detection to prevent drunk driving
- Implemented helmet detection to prevent driving without a helmet
- Built crash detection with automatic SMS + GPS alerts
- Integrated ignition lock mechanism using ESP32

Role:
Handled all aspects of the project, from conceptualization and circuit design to programming, IoT implementation, and testing to ensure full functionality.

Project demo link:
https://drive.google.com/drive/folders/1bwRWH8p2wfD-4cZR8shLMscUWXzobb_0?usp=sharing

## CERTIFICATES

- Palo Alto Networks Certified – Network Security Fundamentals
- Palo Alto Networks Certified – Security Operations Fundamentals
- Palo Alto Networks Certified – Cloud Security Fundamentals
- Introduction to IoT and Digital Transformation Certificate – Cisco Networking Academy