KYLE JUSTINE C. DIMLA

Sto.Rosario, Candaba, Pampanga | +639 759 837 461 | dimlakylejustine@gmail.com
https://tinyurl.com/kyle-justine-dimla | linkedin.com/in/kyle-justine-dimla-47a110395

SUMMARY

Results-driven Computer Engineering graduate with extensive experience in system administration, software development, and IT infrastructure management. Proven track record in building and deploying enterprise-level web systems, managing development and production servers, and implementing scalable, cost-efficient technical solutions. Strong expertise in full-stack development (C#/ASP.NET, PHP, Node.js), database management, automation, biometrics integration, and network administration — focused on optimizing operations, innovating IT processes, and collaborating across departments to drive organizational efficiency.

WORK EXPERIENCE

Azzurro Hotel By Sunshine Grandeur Corporation *November 2025 – Present*

Network Administrator / Software Engineer / Technical Support

- Built and deployed a full web server environment (Samba AD, DNS, Domain Controllers) to host internal web systems, ensuring reliable and secure access for hotel operations.
- Designed, developed, and maintained custom web applications and HRIS modules to streamline scheduling, timecards, payroll, and other internal workflows.
- Repurposed and upgraded old computers to function as efficient servers, significantly reducing IT expenses while improving infrastructure performance.
- Managed and configured CCTV surveillance systems ensuring complete hotel security coverage.
- Administered Ruijie Gateway for network access control, bandwidth management, and guest/staff network segmentation.
- Deployed and managed VoIP telephony system using Yeastar PBX with Fanvil/Linkvil desk phones across hotel departments.
- Utilized Kali Linux for penetration testing and network security assessments to identify and remediate vulnerabilities.
- Administered Linux (Debian) servers for hosting internal web systems and managing server-side operations.
- Continuously innovate and enhance the company's IT infrastructure, web systems, and network reliability.
- Provide day-to-day technical support, troubleshooting devices, networks, and software to ensure smooth hotel operations.

La Rose Noire *May 2025 – Oct 2025*

System Administrator / Software Engineer / Technical Support

- Designed and deployed enterprise-level server infrastructure supporting multi-department operations.
- Administered Microsoft 365 tenant — user support, license allocation, security policies, and Exchange Admin.
- Maintained 99.9% uptime across critical business applications through proactive monitoring.
- Led IT support initiatives reducing downtime by 40% via optimized ticket handling and root cause analysis.
- Implemented automation tools and monitoring systems improving efficiency by 35%.

HB Leisure *Nov 2024 – April 2025*

Game Attendant

- Managed customer experience operations while maintaining technical equipment.
- Implemented and managed inventory protocols ensuring 100% stock availability.
- Provided technical troubleshooting for gaming systems and POS equipment.

Metrolight Services Corp *Jun 2024 – Aug 2024*

Office Assistant

- Streamlined digital filing systems and automated reporting processes.
- Maintained 100% accuracy in inventory and procurement documentation.
- Assisted in documentation and bidding files.

Caltex *Jun 2023 – Aug 2023*

Customer Service Representative

- Achieved 99% transaction accuracy while managing high-volume customer interactions.
- Performed daily POS system maintenance and troubleshooting.

SOFTWARE DEVELOPMENT PROJECTS

Integrated HRIS & Payroll System

PHP, SQL Server, JavaScript, Biometric Hardware Integration

- Full-stack HRIS with biometric hardware integration.
- Auto-calculates Days/Time-In/Out, processes Overtime, Undertime, Tax, and Benefits to generate complete payslips.

Multi-Department Inventory System

PHP, MySQL, JavaScript

- Centralized inventory management system across hotel departments to track assets, consumables, and requisitions efficiently.

MWOS - Maintenance Work Order System

PHP, MySQL, JavaScript

- End-to-end maintenance work order platform from ticket creation to expense tracking with multi-level approval workflow.

Multi-Approval Schedule Plotter

PHP, JavaScript

- Digital shift management tool with multi-level approval workflow; department heads plot schedules that route through approval.

Lagom Pool Villa - Management System

PHP, MySQL, WebSocket

- Comprehensive room availability and cleanliness monitoring platform, integrated with a ticketing system and real-time chat support.

Purchasing System

PHP, HTML, CSS, JavaScript, SQL Server

- Developed a procurement management system with real-time inventory tracking and approval workflows.
- Optimized SQL Server queries improving system performance by 60%.

Live Monitoring E-Meals System

Hikvision Face Terminal, SQL Server, PHP, Node.js, WebSocket

- Created a biometric meal monitoring system with live data updates and instant notifications.
- Integrated Hikvision terminals with backend systems for seamless authentication.

Information Technology Management System (ITMS)

PHP, MySQL

- Centralized IT asset management with maintenance scheduling, issue tracking, and Virtual Accountability module.

Daily Report System

PHP, MySQL

- Automated daily reporting application that streamlines documentation and activity tracking.

Project Summary System

PHP, MySQL

- Consolidates project data, milestones, and deliverables with real-time visibility of project status across departments.

VeriFile - PDF Comparison Tool

Python

- Engineered a document comparison utility achieving 99.5% accuracy in change detection.

SYSTEM ADMINISTRATOR PROJECTS

Server Infrastructure (

Linux Debian, Samba AD, TrueNAS Scale, DNS

- Architected hotel server environment from scratch on Windows Server 2019.
- Deployed Old Computer as centralized file server for all departments.
- Repurposed legacy hardware into production servers, significantly reducing infrastructure costs.

VoIP Telephony & Communication System

Yeastar PBX, Fanvil/Linkvil Desk Phones, SIP

- Deployed and fully configured Yeastar PBX VoIP telephone system across hotel departments.
- Set up and managed Fanvil and Linkvil desk phones with extension assignments, call routing, and inter-department dialing.

CCTV Surveillance Management

IP Cameras, NVR, Network Configuration

- Managed and configured the hotel's complete CCTV surveillance infrastructure.
- Ensured continuous recording, remote monitoring access, and camera coverage optimization across all hotel areas.

Ruijie Gateway Administration

Ruijie Network, Gateway, VLAN

- Administered Ruijie Gateway for network access control and bandwidth management.
- Configured guest and staff network segmentation (VLAN) for security and performance.

Penetration Testing & Security Assessment

Kali Linux, Debian, Network Security

- Utilized Kali Linux to perform penetration testing and network vulnerability assessments.
- Identified and remediated security gaps in hotel network infrastructure.

Microsoft 365 Administration

MS365, Exchange Admin, Azure AD

- Comprehensive MS365 tenant administration — user support, license allocation, security policies, Exchange Admin, and Outlook backup.

Server Migration & Domain Integration

Windows Server, Active Directory, Acronis Backup, Microsoft 365

- Led the migration from old server environment to a new domain infrastructure with minimal downtime and full data integrity.
- Rejoined all computers and laptops to the new domain, configuring user accounts, permissions, and group policies.
- Performed bulk upload and configuration of newly created user accounts in Active Directory.
- Reinstalled and reconfigured Acronis backup software for all domain-joined units.
- Reset and integrated NAS storage for centralized file access.

Virtual Machine Management

VMware / Hyper-V, Windows Server

- Created and deployed VM servers to support development, testing, and production environments.
- Maintained and optimized virtual machines for high performance and resource efficiency.
- Conducted regular system monitoring, updates, and troubleshooting to maintain uptime.

Network Cabling & Restructuring

Structured Cabling, LAN, Network Switches

- Executed removal of old LAN cabling and installation of new structured cabling for improved reliability.
- Performed cable pulling, labeling, and installation of cable molding.
- Relocated and reconfigured network switches, performing LAN tracing to verify connections and optimize topology.

EDUCATION PROJECTS

Skyharvest: AI Aeroponics Vertical Farming (Thesis)

IoT, Machine Learning, Sensors, Flutter

- Intelligent vertical farming with sensors, ML, and mobile app control — awarded Best in Thesis.
- Created wiring diagram, calibrated all sensors, and connected sensors for mobile monitoring.

360 Photobooth with Coinslot & Mobile App Control

Flutter, Arduino, Motor Control

- Contributed to system connection to motor and microcontroller logic.
- Created Flutter application for controlling relay and coinslot logic.

Automatic Solar-Powered Soap Dispenser (Public Donation)

Solar Electronics, Sensors, Power Distribution

- Built the soap dispensing mechanism and calibrated sensors.
- Planned power distribution using solar energy without grid dependency.

Mobile Controlled 4-Wheel Robot

ESP8266, Flutter, IoT

- Hard-wired 4-wheel motors to microcontroller; custom Flutter interface for remote control.

Line Following Robot

Arduino, IR Sensors, C++

- Built robot from scratch — hardware assembly, wiring, sensor calibration, and deployment.

TECHNICAL SKILLS

Programming Languages:	C# / ASP.NET, Python, PHP, JavaScript, Dart (Flutter), HTML/CSS
Database Systems:	SQL Server, MySQL, MSSQL
Frameworks & Technologies:	Node.js, Flutter, WebSocket, Arduino, ASP.NET MVC
Operating Systems:	Linux (Debian, Kali Linux), Windows Server, Windows 10/11
Infrastructure & Tools:	ESXi Server, VMware/Hyper-V, TrueNAS Scale, Samba AD, Synology NAS, Windows Server
Cloud & Administration:	Microsoft 365 Admin, Exchange Admin, Azure AD, Acronis Backup

Networking & Telephony:	LAN Infrastructure, Structured Cabling, VPN, Firewall, DNS, Ruijie Gateway, VoIP (Yeastar PBX), Fanvil/Linkvil Desk Phones
Security & Surveillance:	Kali Linux Penetration Testing, CCTV Management & Configuration
Specializations:	System Administration, Full-Stack Development, Biometrics Integration, Active Directory, Technical Support

EDUCATION

Bachelor of Science in Computer Engineering *2021 – 2025*

Holy Cross College

- Specialization in Mobile Development and sensor integration
- Thesis: Skyharvest – AI-Driven Aeroponics Vertical Farming with Automated Nutrient Delivery and Growth Analytics
- President Lister | Best In Thesis

Senior High School — STEM *2019 – 2021*

Holy Cross College

- Science, Technology, Engineering, and Mathematics strand

Junior High School *2015 – 2019*

Paralaya High School

- Completed secondary education with a focus on academic excellence

Elementary Education *2009 – 2015*

Santo Rosario Elementary School

- Graduated with strong academic performance

REFERENCES

Engr. Grosby A. Dela Cruz
Program Chair, Computer Engineering
+63 917 100 7795

Vincent Emmanuel Laxamana
Assistant Manager, HB Leisure Pampanga
+63 962 061 1719

Jake Alimurong
Infrastructure Head, La Rose Noire Philippines
+63 928 752 2229

Ranzel Laroya
Development and Database Leader, La Rose Noire Philippines
+63 946 488 0102