

EDRIAN JAMES DELA CRUZ

SOFTWARE DEVELOPER & SYSTEMS ADMINISTRATOR

Location: Valenzuela, Metro Manila, Philippines Phone: 09910180983 Email: edyeys@gmail.com Portfolio: edrianjamesdelacruz.pages.dev

PROFESSIONAL SUMMARY

Results-driven Software Developer and Systems Administrator with a proven track record of architecting full-stack web applications, real-time analytics platforms, IoT hardware integrations, and enterprise ERP solutions. Expert in building scalable RESTful APIs (Python/FastAPI/Django), responsive frontends (React/Next.js), and automated hardware-software pipelines, alongside managing multi-site OpenVPN networks, Windows Server 2019 infrastructure, and SAP Business One ecosystems.

TECHNICAL SKILLS

Programming Languages:	Python, JavaScript, TypeScript, PHP, T-SQL, VB.NET, PowerShell, HTML5, CSS3
Frameworks & Libraries:	Django, FastAPI, React.js, Next.js, Vite, Node.js, Tailwind CSS
Databases & Platforms:	MySQL, PostgreSQL, Microsoft SQL Server, SAP Business One
Systems & Networking:	Windows Server 2019, Active Directory, IIS, Site-to-Site OpenVPN, DNS, RDP, Google Workspace Admin
Hardware, IoT & Vision:	OpenCV, ZKEMKeeper SDK, ZKTeco MB160 Plus, NVR/LPR Cameras, Turnstile Access Controllers
Tools & Enterprise:	Docker, Git, GitHub, osTicket, Horilla HRMS, Crystal Reports (Barcode & Parameter Linking), Excel VBA

PROFESSIONAL EXPERIENCE

Liberty Paper Inc. — Software Developer & Systems Administrator December 2025 – September 2026

- MICS Analytics Platform:** Engineered a full-stack executive web portal using Django, Python, React, and MySQL, consolidating multi-entity operational metrics and executing real-time data sync with SAP Business One.
- LPR/NVR Logistics System:** Built an AI-enabled security monitoring system using FastAPI, OpenCV, and WebSockets to process live camera feeds for automated License Plate Recognition and vehicle dwell-time analytics.
- iSEE Mobile Security App:** Developed a high-reliability mobile application and REST API using FastAPI and React to capture, validate, and log turnstile bypass incidents with real-time photo uploads.
- Biometric Hardware Integration:** Automated facial recognition access control on physical turnstiles by building custom integration scripts using VB.NET, PowerShell, and ZKEMKeeper SDK for ZKTeco terminals.
- Enterprise HRMS & Data Security:** Deployed and customized Horilla HRMS across 5 corporate branches with strict Role-Based Access Control (RBAC) and multi-company data segregation.
- Multi-Database Querying & Reporting:** Wrote complex T-SQL queries and developed automated Crystal Reports featuring dynamic parameter linking, conditional suppression, and barcode generation for Delivery Receipts.
- Infrastructure & Network Management:** Configured Site-to-Site OpenVPN networks across 3 regional branches, managed osTicket deployment on Windows Server 2019/IIS, and established server recovery setups.

Schools Division Office QC (SDO QC) — Technical Support & Systems Intern 2021 – 2025

- IT Support & Network Maintenance:** Maintained department workstations, resolved network connectivity bottlenecks, and managed system security policies for over 50+ active devices.
- Directory & Account Management:** Administered user provisioning, security access levels, and organizational units across the agency via Google Workspace Admin console.
- Data Automation:** Developed automated K-12 health tracking worksheets in Excel to evaluate growth metrics, age brackets, and stunting classifications across student populations.

PROJECT HIGHLIGHTS

- Personal Developer Portfolio:** Designed and deployed a production Next.js portfolio hosted on Cloudflare Pages featuring dynamic project showcases, interactive UI, and backend architecture breakdowns (edrianjamesdelacruz.pages.dev).
- Turnstile Dashboard & Reporting System:** Built comprehensive Django-based dashboard for turnstile operations monitoring, attendance tracking with real-time analytics, and access control reporting integrated with biometric systems.
- OSTICKET Ticket Management System:** Managed and deployed open-source ticketing system on Windows Server 2019 with IIS, handling system administration and maintenance for organizational IT support workflows.

TECHNICAL ACHIEVEMENTS

- Successfully deployed and maintained multi-site VPN infrastructure across 3 corporate branches ensuring 99.9% network uptime.
- Reduced manual reporting time by 80% through automated Crystal Reports and SAP Business One integrations.
- Implemented real-time security monitoring systems processing 100+ camera feeds with sub-second LPR recognition.
- Led deployment of Horilla HRMS across 3 corporate sites (Laguna, Quezon City, Valenzuela) for HR teams with role-based access control and multi-company data segregation.

EDUCATION

Pamantasan ng Lungsod ng Valenzuela 2021 – 2025
Bachelor of Science in Information Technology

LICENSES & CERTIFICATIONS

The IT Thing called Multimedia Pamantasan ng Lungsod ng Valenzuela	Issued Apr 2024
The Impact of AI to the Future of Web Development Pamantasan ng Lungsod ng Valenzuela	Issued Apr 2024
Scrum 101: The Introduction Pamantasan ng Lungsod ng Valenzuela	Issued Apr 2024
Data Privacy Essentials: A User's Manual Pamantasan ng Lungsod ng Valenzuela	Issued Apr 2024