

GIO DELA PIEDRA

Senior Software Engineer & IT Manager

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PROFESSIONAL SUMMARY

Senior Software Engineer and IT Manager with 5+ years of progressive experience in full-stack development, IT infrastructure, and cybersecurity across media and government sectors. Proven ability to design, develop, and deploy secure, scalable web applications using React, TypeScript, Node.js, and cloud-native technologies. Strong foundation in enterprise architecture, DevOps, and infrastructure security. Currently completing a Master of Information Technology with a focus on cloud computing and cybersecurity.

CORE COMPETENCIES

Development	React.js · TypeScript · JavaScript (ES6+) · Next.js · Node.js · Express.js · GraphQL · REST API Design · HTML5 · CSS3 · TailwindCSS · Bootstrap · PHP · C++ · Java
Databases & Cloud	MySQL · MongoDB · PostgreSQL · Redis · Firebase · Oracle · AWS · Google Cloud Platform
DevOps & Tools	Docker · Kubernetes · GitHub Actions · CI/CD Pipelines · Linux Server Admin · Git · WordPress
Security & Arch.	JWT · OAuth2 · SSL/TLS · OWASP Practices · Microservices Architecture · DDoS Mitigation · Vulnerability Assessment · Trend Micro Cloud One · Backup & Disaster Recovery
AI & Modern Stack	OpenAI / LLM API Integration · Prompt Engineering · TCP/IP Networking · Server & Router Configuration

PROFESSIONAL EXPERIENCE

IT Manager

Sep 2020 – Mar 2025

Daily Tribune Media Company | Makati City, Philippines

- Directed IT infrastructure operations for a national media organisation, overseeing server administration, network configuration, and enterprise security policies.
- Implemented cybersecurity controls mitigating hacking attempts and DDoS threats, ensuring continuous system availability.
- Supervised technical staff; designed and maintained backup and disaster recovery strategies to guarantee data integrity.
- Improved system reliability through proactive monitoring and infrastructure optimisation.

Senior Full Stack Developer (Consultant)

2018 – 2025

Avietho Digital | Philippines

- Designed and developed scalable full-stack web applications for diverse clients using React, Node.js, and Express.js.
- Built secure REST APIs and responsive frontends; enforced testing and deployment best practices for system stability.
- Collaborated with cross-functional teams to consistently deliver projects on time and within scope.

Full Stack Developer – Government Consultant

2022 – 2024

Barangay Real | Tanauan City, Philippines

- Developed and maintained government web applications in React.js supporting public service operations and compliance.
- Integrated Google Analytics (GA4) for reporting; contributed to continuous system performance improvements.

System Application Developer

Aug 2018 – Nov 2019

Yazaki-Torres Technology | Calamba, Laguna, Philippines

- Built enterprise applications to streamline operations and reduce manual processes.
- Enhanced legacy systems and translated stakeholder requirements into tailored, on-schedule solutions.

EDUCATION

Master of Information Technology (MIT)

2025 – Present

Philippine Christian University, Manila · Expected Completion: 2026

Bachelor of Science in Information Technology (BSIT)

2016 – 2019

Arellano University, Pasay City

PROFESSIONAL DEVELOPMENT & CERTIFICATIONS

Thesis Panelist — Software Engineering, Capstone & Thesis Defense

2022 – 2026

Arellano University & Adamson University

LLMs 101: How AI Actually Works — Batch 1

Feb 2026

bossROD Academy · Online (Zoom)

LLMs 101: How AI Actually Works — Batch 2

Apr 2026

bossROD Academy · Online (Zoom)

1st International PSITE-NCR Research Conference (Representative) · National Science & Technology Week (Participant) · SAP Dashboard Training · 3D Technology Industry Conference