

JAN LUIGI W. RIVERA

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PROFESSIONAL SUMMARY

IT-skilled professional with extensive experience in developing web applications and managing IT systems within governmental organizations. Proven ability to apply technical skills in TypeScript, React, and Next.js to enhance workflows and streamline processes in budget tracking and data management.

CORE IT COMPETENCIES

Web Application Development • Database Management & SQL • Systems Analysis & Troubleshooting • Hardware & Software Support • Network Installation & Troubleshooting • LAN & Connectivity Support • Technical Documentation • Software Testing & Debugging • User & Technical Support • Data Management & Reporting • Version Control & Deployment

TECHNICAL SKILLS

Programming: TypeScript, JavaScript, SQL, HTML, CSS
Frameworks & Libraries: React, Next.js, Vue.js, Rust, Tailwind CSS, Tauri
Databases: PostgreSQL, MySQL, SQLite
Tools: Git, GitHub, VS Code, Node.js, NPM, Google Apps Script, Google Sheets API
Other: Data Visualization & Analytics, Web Design & UI/UX, Data Privacy & Cybersecurity Awareness, Project Management

PROFESSIONAL EXPERIENCE

DENR – MINES AND GEOSCIENCES BUREAU March 2026 – Present
Budget Assistant II San Fernando City, La Union

- Developed and deployed mgb-ebudget, an internal TypeScript web application that streamlined budget monitoring and reporting workflows, reducing processing time by approximately 30%.
- Enhanced internal information systems through testing, debugging, data validation, and database-driven features that improved information retrieval, monitoring, and administrative reporting.
- Prepared accurate budgetary and financial accountability reports while collaborating with stakeholders to align system functionality and digital workflows with organizational requirements.

PHILIPPINE STATISTICS AUTHORITY August 2024 – November 2024
Information Systems Analyst I Vigan City, Ilocos Sur

- Delivered IT systems support and troubleshooting for hardware and software issues across provincial offices, ensuring continuous and seamless operations.
- Maintained and optimized computer systems used for statistical data collection, contributing to a 15% increase in data processing efficiency.
- Conducted system monitoring, maintenance, data validation, and quality checks that reduced downtime and strengthened government digital information workflows.

EGN INC. April 2020 – August 2022
Internet Installation Technician Candon City, Ilocos Sur

- Installed, configured, and tested internet connectivity and network equipment, ensuring reliable service delivery for clients.
- Diagnosed and resolved LAN, router, modem, cabling, and connectivity issues through on-site technical support and preventive maintenance.
- Documented technical service activities and assisted users with network concerns, improving first-time resolution rates and client satisfaction.

ILOCOS SUR POLYTECHNIC STATE COLLEGE July 2023 – August 2023
Application Developer Candon City, Ilocos Sur

- Contributed to the development of MIS-Docs, a web-based document routing system that improved document visibility and accountability by approximately 30%.
- Designed and implemented application features based on user and organizational requirements while applying software development and database best practices.
- Collaborated with the development team to enhance system usability, functionality, and user experience throughout the project lifecycle.

SELECTED IT PROJECTS

MGB-eBudget – Government Budget Monitoring System
Built a TypeScript-based internal budget-tracking application that streamlined monitoring and reporting with real-time updates for the MGB Regional Office.

MGBR1-DBTracking v2 – Disbursement Tracking System
Rebuilt and upgraded a database tracking system from JavaScript to TypeScript, improving record organization, monitoring, accessibility, and operational efficiency.

Legislative Management & Information System – LGU Web Portal
Developed a municipal web portal using TypeScript that improved public access to LGU services and information through stakeholder-driven requirements gathering.

EDUCATION

ILOCOS SUR POLYTECHNIC STATE COLLEGE – Main Campus 2020 – 2024
Bachelor of Science in Computer Science

RELEVANT TRAINING

- Software Development and Design Thinking (4 hours) – DICT Caraga Region | June 17, 2025
- UI and UX Design (4 hours) – DICT Caraga Region | June 20, 2025
- Internet of Things (IoT) in Smart Cities (4 hours) – DICT Caraga Region | July 11, 2025
- Data Privacy Awareness (3 hours) – DICT Aurora / ICT Literacy and Competency Development Bureau | April 6, 2025
- Artificial Intelligence and Digital Citizenship (3 hours) – DICT Marinduque / Cybersecurity Bureau | May 21, 2025
- Learn ChatGPT for Government Workforce (3 hours) – DICT Aurora | April 6, 2025
- Philippine National PKI (Public Key Infrastructure) Seminar-Workshop – North Luzon Philippines State College | January 19, 2023
- Web Design and Development Seminar-Workshop – North Luzon Philippines State College | January 20, 2023
- Quantum Computing and Blockchain Lecture Series and Hackathon 2025 – Quantum Computing Society of the Philippines / DOST-ASTI | March–May 2025

AWARDS AND RECOGNITION

- Dean's List – 3rd Year College
- SMART Scholarship Recipient

REFERENCES

Available upon request.