

Marjameson Tabañag

Senior Software Engineer / DevOps Specialist / Blockchain Developer Cebu, Central Visayas, Philippines

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Personal Details

Age: 29

Birthday: February 4, 1995

Address: Sambag Uno, Cebu City, Philippines

Professional Summary

Versatile IT professional with extensive experience in software development, blockchain technology, AI integration, IT infrastructure planning, and department management. Skilled in full-stack development, mobile app development, system administration, and leading technical teams. Proven ability to design and implement complex IT infrastructures, manage IT departments, and deliver innovative solutions, including AI-powered applications and robust networking systems. Expertise in developing and managing systems for complex logistics operations, including refrigerated warehousing and cold chain management.

Skills

- Programming: JavaScript, PHP, jQuery, Laravel, React.js, React Native, AJAX, web3.js, HTML5, Node.js, Express.js, Sequelize, Python
- Databases: MySQL, Oracle, PostgreSQL, SQLite
- Systems: Linux Server (Ubuntu), Unix Administration, Network Administration, cPanel
- Networking: TCP/IP, VPN, WIFI, MESH Networks, Load Balancing, Network Switches, Wireless Controllers
- Cloud & Security: Oracle ERP Cloud, VPS Management, Cybersecurity, SSH
- DevOps: Docker, Git
- AI & Machine Learning: OpenAI APIs, AI Integration

- Other: Customer Relationship Management (CRM), Warehouse Management Systems, SAP Integration, Automation, IT Department Management, Logistics Operations, Cold Chain Management, IT Infrastructure Planning

Work Experience

Senior Software Engineer / Blockchain Developer / AI Integration Specialist

TelPro, Inc. | Cebu, Philippines

April 2023 - Present

- Develop and maintain blockchain applications
- Utilize a diverse tech stack including MySQL, PostgreSQL, CSS3, Linux Server, SQL, Laravel, React.js, AJAX, JavaScript, and web3.js
- Build and maintain robust web applications using Laravel PHP framework
- Implement and manage containerized applications using Docker
- Employ Git for version control and collaborative development
- Develop backend services using Node.js and Express.js, with Sequelize as ORM
- Manage web hosting environments using cPanel
- Deploy and maintain applications on Virtual Private Servers (VPS) running Ubuntu Linux
- Perform Linux System Administration tasks on Ubuntu servers
- Develop Python scripts for task automation and data processing
- Utilize SQLite for lightweight, serverless database solutions
- Integrate AI capabilities using OpenAI's Assistants API:
 - Developed an AI-powered customer support chatbot, improving response times by 60%
 - Created an intelligent document analysis system for automated data extraction
 - Implemented a natural language processing pipeline for sentiment analysis of customer feedback
 - Designed and deployed a recommendation engine using AI to enhance user experience

- Collaborate with cross-functional teams to identify opportunities for AI integration in existing products
- Stay updated with the latest developments in AI and machine learning technologies

IT Head / Solutions Architect

Global Pacific Distribution Network Corporation | Big Blue, Zuellig Avenue North

Reclamation Area Mandaue City 6014

August 2022 - November 2023 (1 year 4 months)

- Led comprehensive IT infrastructure planning and implementation:
 - Designed and deployed robust network architecture using enterprise-grade switches and routers
 - Implemented VPN solutions for secure remote access and inter-site connectivity
 - Set up and managed wireless controllers for centralized WIFI management across multiple locations
 - Deployed MESH network technology to ensure seamless wireless coverage in large warehouse spaces
 - Configured load balancers to optimize traffic across three internet service providers, ensuring high availability and failover capabilities
 - Oversaw server infrastructure setup and maintenance, including virtualization and containerization technologies
 - Implemented TCP/IP best practices for efficient network communication and troubleshooting
 - Integrated Urovo rugged tablets into the warehouse management system for mobile data entry and inventory tracking
 - Implemented Zebra industrial printers for efficient and accurate material and pallet labeling
- Conducted Network/System Administration, ensuring robust and secure IT infrastructure for refrigerated warehousing operations
- Performed Hardware/Software Troubleshooting to maintain optimal system performance across all storage environments (cooler, chiller, freezer, dry)

- Provided Technical Support to all departments, minimizing downtime and improving productivity in logistics operations
- Served as In-house Programmer, developing custom solutions to meet specific needs of refrigerated warehousing:
 - Enhanced existing Warehouse Management System to better handle temperature-sensitive inventory
 - Implemented real-time temperature monitoring and alerting system for cold storage units
 - Developed inventory tracking system for efficient management of pallets across different storage types
 - Created dashboard for visualizing inbound and outbound logistics data
 - Designed and implemented a truck routing and scheduling system for optimized product distribution
 - Developed mobile application for Urovo rugged tablets to interface with the warehouse management system, enabling real-time data entry and retrieval
 - Created custom printing solutions for Zebra printers, ensuring accurate and standardized labeling for materials and pallets
- Managed the IT department, overseeing projects and team performance related to logistics and cold chain management
- Collaborated with operations team to identify and implement technological solutions for improving efficiency in refrigerated warehousing processes
- Ensured compliance with food safety regulations through proper documentation and traceability features in software systems
- Developed and implemented IT policies and procedures to align with industry best practices and company goals
- Conducted training sessions for warehouse staff on the use of Urovo rugged tablets and new warehouse management system features

Web Programmer

Infinite Points Philippines | Garcia IT Center Cabahug St Cebu City

May 2022 - August 2022 (4 months)

- Developed web applications using PHP, Laravel, jQuery, and JavaScript

Senior Software Engineer / DevOps Specialist

BigBlue Logistics Corp. | Full-time

March 2018 - November 2021 (3 years 9 months)

- Created Customer Portal (Web Based) using Laravel and React.js
- Developed comprehensive Plant Management System (Web and Android Based) for refrigerated warehousing operations:
 - Built the web interface using React.js
 - Developed the mobile application using React Native for cross-platform functionality
 - Implemented modules for managing inbound and outbound logistics
 - Created inventory management system for pallets across various storage types (cooler, chiller, freezer, dry)
 - Designed truck routing and scheduling system for efficient product distribution
 - Integrated temperature monitoring and alerting system for cold storage units
- Integrated SAP S4 HANA API to BigBlue API, streamlining data flow between systems
- Implemented real-time tracking features in the mobile app using React Native and GPS integration for truck fleet management
- Developed reporting and analytics dashboard for key performance indicators in warehousing and distribution
- Performed System Administration and Technical Support
- Optimized database queries and implemented caching strategies to improve application performance
- Collaborated with operations team to ensure software met specific needs of refrigerated logistics

Junior Software Developer / IT Support Specialist

Laptap Enterprise | Mandaue City

August 2017 - August 2018 (1 year 1 month)

- Maintained existing website
- Created Point of Sale (POS) System
- Performed duties as Sales Technician

Front-End Web Developer

Proweaver | Full-time

December 2016 - May 2017 (6 months)

- Converted Xara Web Design Layout to HTML/CSS, implementing Responsive Design
- Converted HTML/CSS to Prestashop E-commerce (CMS)
- Maintained, fixed, and modified existing WordPress and Prestashop websites
- Added backend features on existing WordPress websites as requested by clients

Education

Cebu Technological University (CTU) Main Campus, Cebu

Bachelor of Science in Information and Communications Technology (BSICT)

2012 - 2016