

Junior Software Engineer

MATHEW L. VALIENTE

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Versatile software engineer building modern, scalable web applications, continuously learning new technologies and adapting to modern software development practices.

Relevant Experiences

Philippine Ports Authority (PPA)
Full-Stack Web App Developer

Dapitan City, Philippines
2025 - 2026

- Developed a web-based **PPA Desk Assistance and Attendance Monitoring System** that automated Time In/Time Out recording, attendance tracking, and duty-hour computation for OJT and immersion personnel.
- Built secure backend services and responsive user interfaces using **Laravel, React, TypeScript, MySQL, Inertia.js, and Tailwind CSS**.
- Partnered with Philippine Ports Authority staff to translate operational requirements into technical solutions, incorporating stakeholder feedback throughout development.
- Contributed to system architecture, debugging, testing, database design, and deployment while collaborating with a multidisciplinary student development team.

Department of Science and Technology (DOST)
Software Developer

Dipolog City, Philippines
2024 - 2025

- Developed web-based applications supporting DOST programs that assist **micro, small, and medium enterprises (MSMEs)** through business assessment and administrative workflows.
- Collaborated with project stakeholders to analyze requirements and design software solutions aligned with program objectives.
- Automated business processes by digitizing records**, application workflows, and data management, improving operational efficiency and reducing manual work.

Education

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
Dipolog Medical Center College Foundation Inc.

Dipolog City, PH
2023 – 2026

Integrated Barangay Document Management System (IBDMS)
Full-Stack Web App Developer

- Architected and developed a full-stack web application that digitizes barangay document processing, resident management, and administrative workflows using Laravel, React, TypeScript, MySQL, Inertia.js, and Tailwind CSS.
- Engineered secure authentication, role-based authorization, document approval workflows, PDF generation, and QR-based document verification to improve operational efficiency.
- Designed scalable database models, RESTful APIs, and reusable frontend components while applying software engineering best practices including Git, testing, debugging, and performance optimization.
- Collaborated throughout the software development lifecycle—from requirements gathering and system design to implementation, testing, deployment, and maintenance—leveraging AI-assisted tools to increase development productivity.

Technical Skills & Projects

Programming: PHP (Laravel), JavaScript (ES6+), TypeScript, React, HTML5, C#, Tailwind CSS, MySQL

Design: UI/UX Design, Responsive Web Design, Adobe Photoshop, Adobe Premiere Pro

Achievements, Trainings & Certifications

- Philippine National IT Standards (PHILNITS) Exam Candidate
- Certificate of Recognition – Best in Web Development
- Amplify S1 – Empowering MSMSE with AI and Digital Marketing
- EmbraceTheFuture – Azure AI: Your Gateway to Smart Solutions

Referral

Capt.Karamjit Singh Regional Director Milkyway Shipping Pte Ltd Singapore +65 9179 3311	Roderick Q. Gahuman Information System Analyst II Philippine Ports Authority (PPA) +63 949 954 5681	Maria Dara Saquin-Woo Dean, College of Information Technology DMC College Foundation Inc. +63 966 655 2411
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