

JOMAR LAZARO

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EDUCATION

Bachelor of Science in Computer Science	2022 - 2026
Mariano Marcos State University	
Relevant Coursework: Software Engineering, Data Structures, Design and Analysis of Algorithms, Object-Oriented Programming, Database Systems, Web Development & Programming, Operating Systems, Computer Networks, Distributed Systems, Information Assurance & Security. Leadership: Editor-in-Chief, The Port Publication, For 3 Years from 2022 to 2025.	

EXPERIENCE

Software Engineer Intern, Helpport AI Philippines	Jun 2025 – Jul 2025
- Built an internal timekeeping, CRM, and overtime validation system adopted by staff. - Automated reporting workflows, saving 7+ hours per day in manual productivity tracking. Resolved 20+ technical support issues weekly across desktop, network, and internal tools. - Developed Looker Studio dashboards for daily, weekly, and monthly AI performance insights. - Annotated and validated 100+ Filipino-language transcripts to improve AI response accuracy. - Improved AI knowledge base quality by configuring regex rules, policy boundaries, and validation workflows.	
Freelance Programmer	2022 - 2024
- Delivered 10+ custom web applications using React, Node.js, PHP, and SQL. - Maintained 100% client satisfaction, leading to repeat projects and referrals. - Built scalable APIs, dashboards, and user interfaces for client business workflows. - Improved client system performance by up to 50% through code optimization and workflow automation.	

PROJECTS

Real-Time Vehicle Identity Recognition System — Thesis (Leader)	
- Developed a real-time vehicle monitoring system using frame-to-frame tracking to reduce redundant video-frame processing. - Built a staged recognition pipeline for vehicle detection, license plate localization, OCR extraction, and persistent identity tagging. - Reduced processed frames by 72.49% and runtime by 69.66%, while maintaining 100% tested reliability at a 0.49 threshold.	
Agorai — Hackathon (Leader & Developer)	
- Built an AI-powered hiring automation platform with video interview analysis, resume parsing, candidate ranking, and ATS. - Designed the system architecture for applicant tracking, interview evaluation, and recruitment workflow automation.	
HaiTech — Hackathon (Leader & AI Developer)	
- AI-powered hydroponic farming automation concept integrating machine learning, computer vision, and IoT-based monitoring. - Led product strategy and pitch development, winning Champion at the MMSU Start-up Business Pitching Awards 2025.	
DeepLung — Software Engineering Project (Leader / AI Developer)	
- Built and deployed a CNN-based chest X-ray diagnostic model for scalable medical image classification. - Trained the model on 15,000+ images, achieving 99.78% reported accuracy.	

KEY ACHIEVEMENTS

Champion, Best Oral Presentation, and NexGen Award, Thesis — CCIS Research Colloquium Champion, HaiTech — Start-up Business Pitching Awards 2025, MMSU Top 5 Finalist, WAISte — Hackathon 2.0 Awards 2025, MMSU Top 10 Finalist, Faina — PSC9 Start-up Regional Pitching, Region 1	
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SKILLS AND EXPERTISE

Programming: TypeScript, JavaScript, Python, PHP, SQL Frontend: React, Next.js, Tailwind CSS, shadcn/ui Backend & Databases: Node.js, Express.js, Prisma, PostgreSQL, MySQL, Supabase AI/ML: Computer Vision, OCR, Data Mining, NLP, CNNs Tools: Git, GitHub, Docker, Vercel, AWS, Looker Studio	
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CERTIFICATIONS

Certificate of Appearance, National Innovation Council	Nov 2025
AI for Business Professionals, HP LIFE	Aug 2025
Certificate of Content Completion, Wadhwani Foundation	Nov 2025
Certificate of Completion, KadaKareer and Home Credit Philippines	Dec 2025
Quantum Computing and Blockchain Lecture Series, United Latino Students Association	Jul 2025
Transform Your Career Path with AI, Xaltius	Feb 2025