MARLON C. ISAGUIRRE JR.

Dasmariñas, Cavite, Philippines | +63 994 818 0273

marloncopilot@gmail.com | github.com/ProgMarlon | linkedin.com/in/marlon-isaguirre-jr-414683393

marlonisaguirre.site

PROFESSIONAL SUMMARY

Results-oriented Full-Stack Web Developer and 3rd-year BSIT student with expertise in the MERN stack and Python. Proven ability to engineer high-performance applications, recently achieving a 20% reduction in load times through strategic optimization. Passionate about bridging technical complexity with intuitive user experiences and maintaining high accessibility standards (WCAG AA).

TECHNICAL SKILLS

• **Frontend:**	React.js, TypeScript, Next.js, HTML5, CSS3, Tailwind, Bootstrap
• **Backend:**	Node.js, Express, Python (FastAPI/Flask), PHP, RESTful APIs
• **Databases:**	MongoDB, MySQL, PostgreSQL
• **Tools/DevOps:**	Git, GitHub, Vercel, VS Code, CI/CD Pipelines, Docker
• **Practices:**	Agile/Scrum, Unit Testing (Jest), SEO, WCAG AA Accessibility

PROFESSIONAL EXPERIENCE

FULL-STACK DEVELOPER (Freelance)

Independent Projects | Jan 2023 – Present

- Engineered custom MERN stack solutions for diverse clients, focusing on scalability and user retention.
- Achieved 20% improvement in page performance metrics via image optimization and lazy loading.
- Integrated complex 3rd-party APIs (Google Maps, Mailers) to enhance business automation.

TECHNICAL LEAD & ARCHITECT

Major Development Projects | Sep 2024 – Present

- Spearheaded the architectural design of AI-driven systems and microservices platforms.
- Implemented CI/CD workflows using GitHub Actions to ensure reliable code deployment.
- Led cross-functional academic teams using Agile methodologies to deliver projects on strict deadlines.

KEY TECHNICAL PROJECTS

MarBot2000 (AI Virtual Assistant) | *React, Node.js, Gemini AI*

- Built an intelligent assistant using Gemini 2.5 Flash with persistent LocalStorage history.
- Designed an accessible, retro-themed interface with WCAG AA compliance and 100% responsiveness.

StockSense (Predictive Inventory System) | *React, FastAPI, MongoDB*

- Developed a microservices dashboard that predicts stock needs based on historical sales trends.
- Created dynamic data visualizations using Recharts, allowing for instant data-driven stock analysis.

PowerHabit (Meralco IDOL Hackathon 2024)

- Rapidly prototyped a cost-tracking app for non-smart appliance users to monitor energy savings.

EDUCATION

Bachelor of Science in Information Technology
Cavite State University — Don Severino de las Alas Campus | 2023 – Present

- Dean's List / Consistent academic high-performer. Focus: Software Engineering.

CERTIFICATIONS & AWARDS

- Responsive Web Design Certification | freeCodeCamp | 2024
- JavaScript Algorithms and Data Structures | freeCodeCamp | 2023
- Git and GitHub Essentials | Great Learning Academy | 2024
- Participant, DLSU Hackercup 2025

ADDITIONAL INFORMATION

Languages: English (Professional), Tagalog (Native), Ilocano (Native), French(Beginner)

References: Available upon request.