

JEZELLE FORMENTERA

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SUMMARY

IT graduate specializing in full-stack web development, with hands-on experience designing, building, and deploying websites and systems for real businesses. Proficient in HTML, CSS, JavaScript, PHP, and SQL, with growing expertise in React, Next.js, and Tailwind CSS. Successfully led and deployed a reservation and billing system now in active use by a resort client, and independently rebuilt its core features as a full-stack React/Next.js application with a cloud-hosted database and live deployment. Detail-oriented, adaptable, and motivated to deliver reliable solutions.

EDUCATION

Bachelor of Science in Information Technology

June 2026

University of the East
Manila City, Philippines

KEY SKILLS

Languages & Web Technologies: HTML, CSS, JavaScript, PHP, Python, Java, C#, SQL

Frontend Frameworks: React, Next.js, Tailwind CSS, Framer Motion

Backend & Databases: Node.js / Next.js API Routes, MySQL, RESTful API Design, Cookie-Based Authentication

Tools & Deployment: Git & GitHub, VS Code, Vercel, Railway, phpMyAdmin, Figma, Canva, Adobe Photoshop, Blender, MS Office

QA/Testing: Test Case Design, Test Plan Documentation, Functional Testing, Regression Testing (basic)

Soft Skills: Team Leadership & Project Coordination, Client Communication & Requirements Gathering, Analytical Problem-Solving, Attention to Detail, Adaptability

MAJOR PROJECTS

Online Reservation and Billing System | Capstone Project

- Developed an online reservation and billing system for a resort in Tanay, Rizal.
- Successfully deployed and currently being used by the company.
- Led a three-semester project cycle covering proposal, development, testing, and deployment.
- Communicated with the client company for requirements gathering, revisions, and validation.

Resort Reservation & Billing System — React Rebuild | Independent Portfolio Project

- Rebuilt core reservation and billing features from an original PHP capstone system as a full-stack app using React, Next.js, and Tailwind CSS, with a custom UI system and Framer Motion animations.
- Built RESTful API routes connected to a cloud-hosted MySQL database (Railway), including double-booking prevention and client- and server-side validation.
- Implemented cookie-based admin authentication with route-protecting middleware and bcrypt password hashing.
- Deployed live via Vercel with a fully separated cloud database and environment configuration.

Company Website Development | OJT Project

- Designed and developed the company website with backend functionality for inquiries and content management.
- Implemented responsive front-end design using HTML, CSS, and PHP.

Bus Reservation System — QA Testing | Coursework

- Designed and executed structured test cases covering core functional flows, including registration and booking, using positive and negative test design.
- Tracked outcomes as Pass/Fail/Not Executed and coordinated with a Business Analyst for test case review and sign-off.

ON-THE-JOB TRAINING

KMA Business Solutions OPC

December 2025 – March 2026

- Developed and maintained company website with backend functionality for inquiries and content management.
- Verified and processed client documents for BIR submission with high accuracy.
- Assisted in IT support tasks and office compliance workflows.
- Adapted to both IT and administrative responsibilities in a business solutions environment.

CERTIFICATIONS AND SEMINARS

- Certiport Information Technology Specialist – HTML and CSS
- Certiport Information Technology Specialist – Cybersecurity
- Industrial Networking Essentials Course – CISCO
- Digital Edge: Innovate, Secure, Automate Webinar – DICT
- Skills to Succeed Academy – Accenture