MARK CHRISTIAN E. LABUANAN

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Proficient in designing and developing full-stack web applications with strong experience in database management, API integration, and modern front-end development practices. Skilled in back-end development and knowledgeable in data mining techniques such as clustering, model tuning, and computer vision. Adept at using version control systems to manage collaborative development workflows. Committed to leveraging emerging technologies to build innovative, scalable, and efficient digital solutions.

Work Experiences

Accenture – Mandaluyong City

Accenture Academy Delegates - Internship   February 2025 - May 2025

- As part of the Accenture Academy Delegates Program, I completed hands-on training in full-stack development, covering both frontend and back-end technologies. I built responsive web interfaces using HTML, CSS, JavaScript, React, and Angular, and developed RESTful APIs with Node.js, Express, and MySQL.
- Developed RESTful APIs and backend systems using Node.js, Express, and MySQL, following best practices in API design and database integration.
- Practiced enterprise-level Java development using Spring Boot, applying concepts like dependency injection, REST controllers, and data persistence with Spring Data JPA.
- Wrote unit and integration tests using JUnit and Mockito, focusing on test-driven development (TDD), mocking dependencies, and ensuring code reliability and maintainability.
- Collaborated in team-based coding environments using Git and GitHub for version control, pull requests, and code reviews.
- I also earned Udemy certifications curated by Accenture, including "The Complete Full-Stack Web Development Bootcamp", "Java Masterclass," and "Angular - The Complete Guide (2025 Edition)." These achievements demonstrate my readiness to contribute to real-world, enterprise-level software projects.

Freelance / Objective Based – Self-Employed

Side Hustle Web Developer   Dec 2023 - July 2025

- Developed a Sign Language Interpreter using Python and OpenCV, leveraging computer vision techniques to detect and interpret hand gestures in real-time, improving accessibility for hearing-impaired users.
- Built a Learning Management System (LMS) using PHP (Laravel) to manage course content, track student progress, and support instructor tools. Applied MVC architecture, user authentication, and dynamic content loading.
- Designed an Inventory Management System integrated with a Stock Forecasting Feature using Random Forest Algorithm, allowing predictive analytics on stock levels and purchasing trends.
- Collaborated with clients to understand project requirements and translate them into clear technical objectives, ensuring solutions aligned with their business goals.

Education Level

ISABELA STATE UNIVERSITY – Echague, Isabela   July 2025

Bachelor of Science in Computer Science | Major in Data Mining,

Technical Skills

- **Frontend Development**
  - ✓ HTML
  - ✓ CSS
  - ✓ Bootstrap
  - ✓ Angular
  - ✓ Nodejs
  - ✓ React
  - ✓ jQuery
  - ✓ AJAX
  - ✓ Typescript
  - ✓ JavaScript

- **Backend Development**
  - ✓ PHP
  - ✓ Laravel
  - ✓ Python
  - ✓ Stream lit
  - ✓ Flask
  - ✓ Django
  - ✓ C#.NET
  - ✓ Java
  - ✓ Spring Boot
  - ✓ Junit Mockito
  - ✓ REST API
  - ✓ Postman

- **Server Administration**
  - ✓ Windows Server
  - ✓ Linux
  - ✓ Apache,

- **Cloud & DevOps**
  - ✓ Docker
  - ✓ CI/CD (GitLab Pipelines)

- **Scripting & Version Control**
  - ✓ Git (GitLab, GitHub)
  - ✓ Fork

- **Database Management**
  - ✓ MySQL
  - ✓ SQL
  - ✓ NoSQL
  - ✓ PostgreSQL

Language, Interests, Achievement, Others

- **Language**: Filipino (Native), English (Conversational)
- **Interest**: Video games, Anime Series and Movies, and Technology Upskilling
- **Non-Technical Skills**: Critical thinking and problem-solving, Adaptability, Flexibility, Effective time management, Ability to work in a team
- **Achievements:** Academic Scholar, Cum laude, Programmer of the year, Huawei Certified ICT Associate in Cloud Service and Computing, November 2024, Huawei Certified ICT Associate in Search and AI (CRA Training Program), November 2024