

# Ehnand Azucena

## Full Stack Systems Engineer

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Backend-focused Full Stack Engineer with production experience across Laravel, Symfony, NestJS, and SQL optimization. Built and maintained multi-tenant SaaS platforms, enterprise-grade internal tools, and mission-critical systems for schools, e-commerce, and associations.

Skilled in delivering robust APIs, scalable backend systems, and optimized databases, with growing experience in Docker-based DevOps and CI/CD.

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## Core Technical Skills

### Languages and Frameworks:

- **Backend:** Laravel, Symfony, NestJS, Node.js, C#.NET, CodeIgniter
- **Frontend:** React.js, Next.js, Bootstrap, Tailwind CSS, ShadCN UI

### Databases and Data

- MySQL, PostgreSQL, SQL Server, SQLite, T-SQL

### Infrastructure and DevOps

- Docker (dev), Bitbucket CI/CD, Vultr, AWS (basic), UNIX/Linux, Git, Bitbucket

### APIs & Integrations

- REST, GraphQL, OAuth2, Google APIs, Xero, Stripe, HubSpot, Twilio

### Systems and Tools

- GitHub, VS Code, Cursor AI, Ubuntu, Agile (light)
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## Professional Experience

### Full Stack Developer

Jan 2025 – Present

*ClouDesk Pty. Ltd | Remote | Sydney, NSW Australia 2000*

- **Maintained and patched** educational platform for [ICOM International School \(Malaysia\)](#) and its [China-based internal platform](#).
- Enhanced stability for [PG Pay](#), a high-value e-commerce platform for precious metals.
- **Led backend development** for [MemberPulse](#), a multi-tenant SaaS platform supporting CPD points, job boards, events, sponsorships, and directories.
- Integrated third-party APIs (Xero, Stripe, HubSpot) into key features, supporting scalable payments and CRM workflows.
- **Stack:** Symfony, PostgreSQL, Bootstrap, Vultr, OAuth2, Bitbucket CI/CD.

## IT Specialist

Jul 2024 – Jan 2025

*EduQuest Inc. | Cagayan De Oro City, Northern Mindanao, Philippines*

- Re-architected LMS infrastructure, reducing downtime by 20% and boosting user engagement by 30%.
- Automated reporting using Google Sheets & Gmail APIs, cutting manual work by 40%.
- Trained teachers, students, and parents on the updated LMS, increasing platform adoption by 50%.

## System And Database Specialist | Internship

Jan 2024 - May 2024

*MORESCO-1 | Poblacion, Laguindingan, Misamis Oriental*

- Delivered **M1-HRIS**, reducing HR processing time by 40%, and **M1-Helpdesk**, reducing ticket resolution by 35%.
  - Optimized SQL queries, improving data retrieval speed by 20%.
  - Hardened data security, decreasing vulnerability reports by 50%.
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## Key Projects

### [MemberPulse](#) (SaaS CPD Platform)

*(Lead Dev – Symfony, Bootstrap, Vultr) | Feb 2025 – Present*

- *Built from ground up: courses, events, subscriptions, job boards, directories, sponsorship system.*
- *Supports individual and organizational members. Multi-tenant design, live infrastructure.*

### [PlayNow](#)

*(Solo – Next.js, NestJS, Vercel) | Mar 2025 – Apr 2025*

- *Beta version of a SaaS marketplace for merchants to sell coupons for goods/venues/activities (Project Handed Off).*

### [Weather Forecasting Application](#)

*(Solo – React, OpenWeather API) | Jan 2025 – Feb 2025*

- *React-based app with OpenWeather API, hitting 95% uptime and geolocation support, deployed on Vercel.*

### **EduTracker System**

*(Solo – Laravel, MySQL, Google APIs) | Jul 2024 - Aug 2024*

- *Reduced reporting time by 40% via automation and data consolidation.*

### **M1 – HRIS (MORESCO-1)**

*(Team – Laravel, SQL Server) | Jan 2024 - Jun 2024*

- *Internal HR platform deployed in a multi-office environment; improved data integrity and access.*

### **M1-Helpdesk**

(Lead Dev – Laravel, SQL Server) | Jan 2024 - Jun 2024

- *Ticketing system reducing average response time by 35%. Deployed on an internal network.*

### **Email Automation Script**

(Solo – Python, MXroute API) | Jul 2024 - Aug 2024

- *Python script leveraging MXroute API to automate creation of 500+ email accounts, cutting manual setup time by 70% and ensuring config consistency.*

### **DESKTOP HRIS**

(Lead Dev – C#.NET, SQL Server) | Aug 2023 - Jan 2024

- *C#.NET-based desktop app, securing payroll and employee records while speeding processing by 30%.*
- *Legacy HR system. Desktop app with secure role-based access and records protection.*

### **FILE REPOSITORY SYSTEM**

(Team – VMware, Ubuntu Server, NodeJs) | Aug 2023 - Nov 2023

- *Cloud storage platform, reducing retrieval errors by 40%.*
- *Central IT file system, cut response times by 50%.*

### **MEDICAL DIAGNOSTIC EXPERT SYSTEM**

(ML, AI) | Jan 2022 - May 2022

- *Web platform for healthcare pros, boosting diagnostic accuracy with device-agnostic UI.*

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## **Education**

[Mindanao State University-Naawan](#)

**B.S. in Information Technology, Major in Database Systems**

Graduated **Cum Laude**

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## **Certificates**

### **Tech Certifications:**

- [Cosmic Coding with Symfony 7 & Symfony 7 Fundamentals – SymfonyCasts \(Mar. 2025\)](#)
- [React Basics & Advanced React – Meta \(Jan. 2025\)](#)

- [Responsive Web Design & JavaScript Algorithms & Data Structures](#) – *freeCodeCamp (Dec. 2024)*

**Cybersecurity & Support:**

- [CSX Cybersecurity Fundamentals Certificate \(CSXF\)](#) – *Cybrary (Aug. 2023)*
- [Intrusion Detection Setup & Blue Teaming Internship](#) – *Virtual Cyber Labs (Jan. 2023)*
- [Technical Support Fundamentals](#) – *Google (Nov. 2022)*

**Others:**

- Civil Service Eligibility - Civil Service Commission
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**Awards**

- **Cum Laude** - Mindanao State University - Naawan
- **With High Honors** - Initao National Comprehensive High School