

# Jojhel Anry L. Carrascal

Software Developer

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## PROFESSIONAL SUMMARY

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Innovative Software Developer specializing in building frictionless digital solutions, backend architecture, and workflow automation. With proven ability to lead projects from concept to deployment, spanning interactive full-stack web applications, secure communication servers, and automated desktop utilities. Adept at bridging secure technical infrastructure with creative engineering to deliver high-quality, user-centric software that optimizes workforce productivity.

## EDUCATION

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**Pangasinan State University – Asingan Campus**

**Asingan, Pangasinan**

*BS Information Technology*

*Graduation Date: July 2026*

- Organizations/Awards: The Technotrends Publication, IT Society, President's List, Magna Cumlaude

## PROFESSIONAL EXPERIENCE

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**Manila International Airport Authority**

**Pasay City, Metro Manila**

*Tech Support & Programmer Intern*

*January 2026 – May 2026*

- Served as the primary point of contact for internal personnel, providing technical support and resolving hardware and software issues via phone which can be escalated to on field diagnosis/repair.
- Collaborated with internal stakeholders to identify workflow inefficiencies and engineered custom software solutions tailored to organizational needs.
- **Notable Projects:**
  - **MISD Windows Utility** – Desktop application to automate and streamline workstation configurations for organizational personnel.
  - **GAD Playground** – An interactive, educational kiosk game in celebration of National Women's Month, which was evaluated by the Philippine Commission on Women.
  - **Synapse Server** – Deployed and maintained a secure, self-hosted Matrix Synapse communications server to facilitate encrypted internal messaging.

## Freelance Project

**Asingan, Pangasinan**

*Web-Based Game Developer*

*October 2025 – December 2025*

- Developed a full-stack multiplayer math game using node.js, web sockets and managed the complete deployment lifecycle, utilizing Docker for containerization and GHCR.
- Designed a custom database schema to support an internal analytics system for tracking user sessions and gameplay events and ensure fully mobile responsive design.

## Capstone Project

**Asingan, Pangasinan**

*Team Leader & Developer*

*August 2025 – December 2025*

- Oversee the documentation and lead the development of a platform that preserves local cultural heritage in Pangasinan.
- Ensured software quality and usability by evaluating the system against ISO/IEC 25010 standards.

## COURSE & CERTIFICATES

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- [IT Security Management - Guide to Governance, Controls, Risk](#)
- [ISC2 Certified in Cyber Security](#)

## SKILLS & INTEREST

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**Skills:** Next.js | Express.js | React | .Net | Typescript | API Integrations | SQL | NGINX | Git | Docker

**Interest:** Automation | Creative Engineering | Infrastructure & Security | API Development