



# AGATHA MAY ESGUERRA

## Developer



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<https://github.com/potatoaey18>

## TECHNICAL SKILLS

### Programming Languages

- Java
- JavaScript
- Python
- PHP
- C#

### Web Development

- HTML
- CSS
- Vue.js
- Angular
- React.js
- Elementor
- Bubble.io

### Database Management

- MySQL

### Data Analysis Tools

- MySQL
- Python(Pandas, NumPy)
- Excel
- Bubble Database

### Tools

- Git
- Insomnia
- Codeception
- Figma
- Agora.io

### Automation Tools

- Zapier
- Make
- ManyChat

## EDUCATION

### Diploma in Information

Technology 2022–2025

Polytechnic University of the  
Philippines

Consistent President's Lister

GWA: 1.27

## CERTIFICATIONS

Computer Systems Servicing NCII

Visual Graphics Design NCIII

Java Programming

## OBJECTIVE

Skilled Developer specializing in Java Spring Boot, with strong experience in automation and workflow integration using Zapier, ManyChat, Make, and Bubble.io. Experienced in Python, C#, Angular, Vue.js, React, and MySQL, with a proven ability to build scalable, database-driven web applications and optimize system performance. Formerly at Pixel8 Web Solutions, delivering backend solutions and custom automation scripts that reduced manual workloads by up to 60%. A consistent President's Lister with a Diploma in Information Technology from PUP, driven by continuous learning, collaboration, and building intelligent, efficiency-focused solutions.

## PROFESSIONAL EXPERIENCE

### Freelance Developer

April 2025 – Present

Skilled in database design and real-time analytics, delivering efficient, user-focused web solutions tailored to client needs.

- Developed a POS and inventory system with streamlined transaction and stock management features.
- Automated lead capture, order processing, and CRM updates by integrating ManyChat, Zapier, and Odoo — reducing manual work by 60% and improving response time to inquiries from hours to minutes.
- Created a Learning Management System (LMS) using PyCharm and Tkinter for interactive, offline learning.
- Currently developing a bidding website with integrated marketplace and livestreaming features using Bubble.io.

### Software Developer Intern | Pixel8 Web Solutions and Consultancy Inc.

July 2024 – September 2024

Developed data-driven solutions and optimized backend systems for small business clients, focusing on data processing and analytics workflows.

- Built scripts to automate data validation, reducing manual processing time by 30% for backend teams.
- Optimized MySQL database queries for REST APIs, improving data retrieval efficiency by 15% using Insomnia for testing.
- Implemented automated testing with Codeception, identifying and resolving 20+ data inconsistencies pre-launch.
- Collaborated with a 3-member team to build the OBLAS Employee Management System, enabling secure CRUD operations for 200+ users.

### Information Technology Intern | Knowles Training Institute

February 2025 – April 2025

Contributed to data-driven web enhancements and Java-based analytical tools, improving system performance and user engagement.

- Enhanced SSGC website with WordPress and Elementor, improving data load efficiency by 45% through optimized database queries.
- Developed data visualization features using JavaScript, increasing user engagement with interactive analytics displays.
- Built a Java-based analytical tool for course performance tracking, leveraging object-oriented design to process and visualize data.