

# ARA MAE DUCO

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## SUMMARY

Recent graduate with an Associate Degree in Information Technology (Applied Computer Science), with hands-on experience in backend and full-stack development. Completed a 350-hour internship focused on PHP backend development, including RESTful APIs, API documentation, unit testing, and logical problem-solving. Self-motivated and adaptable, continuously building projects using React and PostgreSQL to deepen practical skills and stay industry-ready.

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## WORK EXPERIENCE

### Backend Developer Intern

Pixel8 Web Solutions and Consultancy (Remote)  
Feb – May 2024

- Completed an intensive 350-hour hands-on training in backend development.
  - Built RESTful APIs using PHP and MySQL with real-world applications.
  - Practiced writing clean and secure backend code including authentication and session handling.
  - Learned API documentation best practices and PHP unit testing.
  - Applied logical thinking and debugging skills through practical exercises and assessments.
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## PROJECTS

### Personal Portfolio Website

2025 – Ongoing

- Built a personal portfolio with React and CSS to showcase my resume and projects
  - Implemented interactive sections for skills, project highlights, and resume download
  - Deployed using GitHub Pages with customized asset routing
- Tech Stack:** React, JavaScript, CSS, GitHub Pages

### Simple Inventory Management System

2025

- Designed and developed a full-stack inventory application with secure login
  - Backend: Built using PHP and PostgreSQL with RESTful APIs, hosted on Render
  - Frontend: Developed using React and Vite, hosted on GitHub Pages
  - The system is functional but still **under improvement** — currently enhancing features, UI, and security
- Tech Stack:** PHP, PostgreSQL, React, Vite, GitHub, Render
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## EDUCATION

**Associate Degree in Information Technology** – Major in Applied Computer Science  
Imus Computer College, Philippines  
2022 – 2025

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## CERTIFICATIONS

- **Microsoft Office Specialist (MOS): Excel 2016 Certified** – June 2025
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## SKILLS

- **Data Entry & Encoding:** Microsoft Excel (MOS Certified), Google Sheets
- **Programming Languages:** HTML, CSS, JavaScript, PHP, SQL
- **Backend & Databases:** PHP, MySQL, PostgreSQL, Laravel (basic)
- **Frontend Development:** React.js, Vite
- **Tools & Platforms:** Microsoft Office, Git, GitHub, VS Code, Render, Generative AI for debugging and documentation
- **Documentation & Reporting:** API documentation, inventory logs, technical reports
- **Soft Skills:** Strong motivation to learn and excel in the role, fast learner, organized, detail-oriented, problem-solver, good written communication