

# 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.

## 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.

## PROJECT

### Personal Portfolio Website | 2025 – Ongoing

- Built a React-based portfolio to showcase resume and projects
  - Added interactive sections for skills, highlights, and resume download
  - Deployed via Github Pages with custom asset routing
- Tech Stack:** React, JavaScript, CSS, Github Pages

### Netflix-Clone | 2025

- Built a responsive Netflix-style app using React and CSS
  - Integrated TMDB API for movie data and Firebase Auth for login
  - Implemented Firebase Authentication for secure user login and session handling
  - Deployed via GitHub Pages
- Tech Stack:** React, JavaScript, CSS, TMDB API, GitHub Pages, Firebase Auth

### Simple Inventory Management System | 2025

- Built a full-stack inventory app with secure login and RESTful APIs
  - Backend: PHP + PostgreSQL, hosted on Render
  - Frontend: React + Vite, deployed via Github Pages
  - Currently enhancing features, UI, and security
- Tech Stack:** PHP, PostgreSQL, React, Vite, GitHub, Render

## EDUCATION

### Associate Degree in Information Technology (Online)

Major in Applied Computer Science  
Imus Computer College, Philippines  
2022 – 2025

### Bachelor of Science in Entrepreneurship

Undergraduate - 3<sup>rd</sup>-year  
PUP | Mariveles, Bataan Campus  
2019 – 2022

## CERTIFICATIONS

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

## SKILLS

- **Data Entry & Encoding:** Microsoft Excel (MOS Certified), Google Sheets
- **Programming Languages:** HTML, CSS, JavaScript, PHP, SQL
- **Backend & Databases:** PHP, MySQL, PostgreSQL,
- **Frontend Development:** React.js, Vite
- **Tools & Platforms:** Microsoft Office, Git, GitHub, VS Code, Render, Generative AI for debugging and documentation, Firebase
- **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, written communication