

Michael John P. Arevalo

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Education

Cavite State University – Cavite City Campus
Bachelor of Science in Computer Science

Cavite City, Cavite
October 2024

Work Experience

IT Support Engineer Intern

August 2023 – September 2023

Adventus IT - Makati City, Metro Manila

- Troubleshoot hardware issues and managed the imaging, formatting, and inventory of company laptops, keeping devices reliable and deployment-ready for end users.
- Conducted User Acceptance Testing (UAT) by verifying laptop functionality and installing application such as Microsoft Office, ensuring system readiness before deployment.

Technical Skills

Languages: JavaScript, Python

Front-end Technologies: HTML, CSS, Tailwind CSS, React

Backend & Services: Supabase, Firebase

Tools: Git/GitHub, VS Code

Projects

Development of Clara: The Tutorial Chatbot for Java Programming (Thesis)

Flutter, Firebase, Gemma LLM

- Built Clara, an AI-powered mobile chatbot in Flutter with a responsive, user-friendly UI, enabling students to engage in interactive, self-paced Java learning.
- Integrated Google's Gemma LLM API via HuggingFace to power the chatbot's responses, delivering detailed, accurate explanation across a wide range of Java topics.
- Implemented Firebase for real-time data management and user authentication.

E-wear: Online Clothing Store

React, TypeScript, Supabase, Tailwind CSS

- Rebuilt the E-wear clothing store frontend in React, replacing vanilla JavaScript with a component-based structure for a more maintainable codebase.
- Integrated Supabase for authentication and database management and secure data storage.