# Michael John P. Arevalo

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## Education

**Cavite State University – Cavite City Campus** *Cavite City, Cavite*
Bachelor of Science in Computer Science 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.