

# Michael Caldo

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## Work Experience and Training

### Software Engineer Trainee

#### WhiteCloak Launch Pad Program | Nov 2025 - Dec 2025

- Worked on Affinelle, a full-stack dating application with real-time chat and geolocation matching.
- Contributed to Jia AI, an AI assistant project focused on natural language processing.
- Gained hands-on experience and learned more about AI-driven workflows.

### Junior Software Developer Intern

NexLogic Telecommunications – Silang, Cavite, Philippines | Feb 2025 – Apr 2025

- Developed a Telegram Liquidation bot integrated with LLM Model (LLaVA AI) that converts images into text.
- Built a Flutter-based mobile app to assist linemen, improving task efficiency and reporting accuracy.
- Learned to use AI code assistance and how to work with LLM Models.

## Projects

### Portfolio Website | React, HTML, CSS, JavaScript

- Designed and deployed a personal portfolio website with terminal/hacker aesthetic, responsive design, and optimized performance.
- Integrated an AI-powered chatbot using OpenRouter API (GPT-4o-mini) with natural language processing for interactive user engagement.
- Live: <https://personal-website-theta-opal-73.vercel.app/>

### Affinelle (Dating App) | Next.js, TypeScript, Node.js, MongoDB, Socket.io

- Developed a full-stack dating platform with real-time chat, geolocation matching, and swipe-based discovery
- Implemented secure authentication, profile management, with MongoDB geospatial queries
- Deployed on Vercel and Render with Docker containerization and uptime monitoring
- Live: <https://affinelle.vercel.app>

### ELSAR (Earth and Life Science in AR) | Unity, Vuforia, C#, Augmented Reality

- Developed an AR educational app for senior high school students, featuring interactive 3D models and quizzes.
- Designed the UI and implemented AR tracking for improved learning engagement.

## Technical Skills

**Frontend:** JavaScript, HTML5, CSS3, React

**Backend/Database:** Java, C#, firebase, SQL, NOSQL , MongoDB

**Tools & Platforms:** Git, GitHub, GitLab, Vercel, Render, Figma, Android Studio, Visual Studio

**Ai tools:** Chat Gpt,Cloud Ai, Kiro, Cursor

## Education

**STI College – Dasmariñas** | Bachelor of Science in Computer Science

2021 – 2025 | Dasmariñas City, Cavite

**FEAPITSAT College – Dasmariñas** | Information and Communications Technology (ICT)

2018 – 2020 | Dasmariñas City, Cavite