

MARK ERON DIAZ

Software Engineer

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Profile

Detail-oriented Software Engineer specializing in AI, Cybersecurity and DevOps. Proven ability to build and deploy real-world software engineering projects , with a strong foundation in machine learning and automation.

Education

2022 – 2027

BS in Computer Science Specialized in Software Engineering

Manila, Philippines

FEU Institute of Technology

Skills

Technical Skills

- **Programming Languages:** Python, PHP, JavaScript, C++, Java, Typescript
- **Web Development:** HTML, CSS, Tailwind CSS, React
- **DevOps & Tools:** Docker, Git, GitHub, Linux
- **AI/ML Tools:** OpenCV, Large Language Models
- **Cybersecurity:** Capture the Flag (CTF), Digital Forensics, Vulnerability Assessment, Network Security Fundamentals, Web Exploit

Soft Skills

- Leadership
- Team Collaboration
- Critical Thinking, Communication
- Adaptability
- Time Management
- Project Management
- Problem-Solving

Languages

- Filipino
- English

Projects

SierraVision

Satellite View Analysis of Sierra Madre

- A comprehensive website designed for users to visualize and analyze the changes in the Sierra Madre mountain range, over time.

Tech Stack: Python, Javascript, React, FastAPI, NASA API

PDF Summarizer

AI-Based Document Summarization Tool

- Automatically summarize PDF documents, helping users extract key information efficiently from lengthy reports and research papers.

Tech Stack: Python, Javascript, React, Tesseract OCR, Gemini AI, Fast API