

# MARK ERON DIAZ *Software Engineer*

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 <https://github.com/Eewonn>

## Profile

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Detailed-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

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2022 – 2027 **BS in Computer Science Specialized in Software Engineering**  
Manila, Philippines *FEU Institute of Technology*

## Skills

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### 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

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- Filipino
- English

## Projects

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### 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