

# Franz Benjamin R. Africano

Computer Science Student

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🌐 LinkedIn 🐙 GitHub

## PROFILE

A motivated Computer Science student from FEU Institute of Technology with a strong foundation in software development, problem-solving, and project coordination. Certified in Java, Python, and Project Management, with a passion for building efficient, scalable solutions and continuously expanding technical expertise. Dedicated to applying both technical and organizational skills in collaborative environments to deliver innovative and high-quality outcomes.

## SKILLS

### Programming

- C++
- Java
- Python
- SQL

### Web Development

- HTML
- CSS
- JavaScript
- PHP
- React

### Tools/Others

- GitHub
- VS Code

## PROJECTS

### BloomSentry

01/2025 – 07/2025

*Prediction of Algal Blooms Using Gradient Boosting Regression Algorithm in Laguna Lake*

Developed a system for predicting harmful algal blooms, combining environmental and meteorological data to assess water quality and ecosystem risks. Utilized advanced machine learning techniques and model optimization to achieve high predictive accuracy and strong generalization. Designed interactive data visualizations to support monitoring and informed environmental decision-making.

### Personal Website

08/2025 – Present

Developed a responsive multi-page portfolio website using HTML, CSS, and JavaScript as part of a final project requirement. The site showcases academic and technical achievements, certifications, and projects through a modern UI with interactive and dynamic elements designed to enhance user engagement.

## EDUCATION

### FEU Institute of Technology

08/2022 – Present

*BS in Computer Science with specialization in Software Engineering*

Manila, Philippines

## CERTIFICATES

### IT Specialist - Java 🔗

Demonstrated proficiency in recognizing, writing, and debugging Java code to solve logical problems effectively.

### IT Specialist - Python 🔗

Demonstrated proficiency in recognizing, writing, and debugging Python code to solve logical problems effectively.

### PMI Project Management Ready™ 🔗

Validated in core project management concepts, business analysis, and traditional and agile methodologies used across industries globally.