MARGARET ANNE A. BOGACIA

INFORMATION TECHNOLOGY STUDENT

CONTACT INFORMATION

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PORTFOLIO

https://github.com/def-garet

TECHNICAL SKILLS

- Project Management
- DevOps (Git, n8n)
- UI / UX
- QA
- Networking / Troubleshooting

PROGRAMMING LANGUAGES, TOOLS & FRAMEWORKS

I am a beginner with basic knowledge in the following:

- Java, Python, PHP, JavaScript
- MySQL, React, ReactJS, React Native, Express, Flask, Django
- HTML, CSS, SQL

CORE WORK SKILLS

- Problem Solving
- Leadership
- Work Ethics
- Continuous Learning
- Teamwork
- Collaboration
- Adaptability

PROFILE SUMMARY

A 4th-year Bachelor of Science in Information Technology student with basic knowledge in building secure and efficient systems using modern tools and practices. Has basic knowledge in Java, Python, PHP, HTML, CSS, and JavaScript, and is familiar with frameworks such as React, Node.js, and MySQL. Participated in several IT competitions, including UI CITE Week Hackathon (Champion) and DICT Hack4Gov (2nd Place). A hardworking and motivated student who values teamwork, problem-solving, and continuous learning in the field of technology.

EDUCATIONAL BACKGROUND

PHINMA University of Iloilo | Present
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Achievements:
- 4th Place – DICT Hack4Gov (2025)
- Champion – UI CITE Week Hackathon (2024)
- Champion – UI CITE Week Hackathon (2023)
- 2nd Place – DICT Hack4Gov (2023)
- Champion – UI CITE Week Hackathon (2022)
- Champion – UI CITE Week Programming (2022)

Certifications & Recognitions:
- Certificate of Appreciation, Hack4Gov 2024 (DICT Region VI)
- Certificate of Participation, Philippine Startup Challenge 8 – Region VI (DICT, 2023) – Achieved Top 25 Team Recognition
- Certificate of Participation, MOONSHOT TNK (DTI, 2023)
- Cetificate of Participation, StackTrek 2022

Iloilo National High School | 2019 – 2021
Senior High School
Accountancy, Business, and Management (ABM) Strand

Iloilo National High School | 2016 – 2019
Junior High School
Consistent Honor Student

Jalandoni Memorial Elementary School | 2011–2016
Elementary
Graduated with 7th Honor

WORK EXPERIENCE

Software Developer – Freelance
GS Food Products Trading | July 2025 – September 2025
Developed and deployed a complete POS (Point of Sale) system for GS Food Products Trading. Built a handheld POS application using React Native with a PHP API, and created a Java-based desktop dashboard for product and inventory management. Configured ZeroTier networking to securely connect handheld devices with the central dashboard, ensuring smooth data synchronization and real-time reporting.

PROJECTS

BIZNEST – DIGITAL AVENUE FOR MSMEs (Capstone Project)
React Native | JavaScript | Node.js | Express | MySQL | REST API
Developed a mobile app that promotes Iloilo-based SMEs and their local products. Focused on UI/UX design, API integration, and responsive functionality for Android users.

INSTOCK – INVENTORY MONITORING SYSTEM USING IoT
JavaScript | Node.js | Express | MySQL | IoT | Cloud Integration
Created a smart inventory management tool that uses IoT sensors to track stock levels automatically and send real-time alerts when supplies run low. Features a web interface for viewing inventory, scheduling restocks, and managing updates. Presented at Philippine Startup Challenge 8 – Region VI (DICT).

EDUMENTOR – E-LEARNING PLATFORM
PHP | JavaScript | MySQL | HTML | CSS | XAMPP
Built a web-based platform for managing lessons and assessments with secure authentication and a responsive layout.

POS SYSTEM – POINT OF SALE PROJECT
PHP | MySQL | HTML | CSS | JavaScript
Built a POS system for managing inventory, transactions, and receipts for small retail businesses.

HAND SIGN TRANSLATOR

Python | TensorFlow | OpenCV | Tkinter

Created a computer vision-based translator that converts hand gestures into text for accessible communication..

PASSWORD MANAGEMENT SYSTEM

Python | Java | SQLite | Tkinter

Designed a secure password management tool with data encryption and easy retrieval.

SQL INJECTION SAMPLE WEB

PHP | SQL | HTML | CSS | XAMPP

Built a demo site to explore and prevent SQL injection vulnerabilities for cybersecurity learning.

AUTO CLICKER TOOL

Python | PyAutoGUI

Created a basic automation script that simulates repetitive mouse clicks.

Activities

F1STACKMIND — Assistant CIO

Student Organization, PHINMA Education | 2022–2025

- Supported the organization's technical initiatives and event setup.
- Organized coding workshops, hackathons, and tech talks.
- Coordinated partnerships with local tech groups to promote inclusive IT learning.

DICT Hack4Gov — Participant

DICT Region VI | 2023–2025

- Placed 2nd in Hack4Gov 2023 and 4th in Hack4Gov 2025.
- Participated in Capture-The-Flag (CTF) challenges involving web exploitation, forensics, reverse engineering, and secure coding.
- Contributed to vulnerability analysis, exploit development, and system protection strategies.
- Recognized for consistent participation and excellence in team-based cybersecurity problem solving.

Speaker — "Binary Blitz: A Journey through CITE's Showcase"

PHINMA University of Iloilo – College of Information Technology Education | 2024

- Delivered a live cybersecurity and cryptography demonstration, decrypting a hidden message embedded in an image.
- Represented the Computer Security specialization, promoting ethical hacking and system protection awareness.
- Collaborated with CITE faculty and F1StackMind members to organize and execute the showcase event.

Speaker — "Kids in Brgy Ibarra Embrace Cyber Security: Unlocking a World of Possibilities"

Phinma University of Iloilo CITE, UIPC, and F1StackMind | 2024

- Delivered an interactive talk introducing children to cybersecurity fundamentals and Google Forms micro applications.
- Advocated for digital literacy and safe online practices among youth in Brgy Ibarra.
- Encouraged early interest in cybersecurity through engaging demonstrations and discussions.

Participant — "GOLD RUSH of StackTrek"

StackTrek Coding Competition | 2023

- Represented F1StackMind in a programming competition that challenged participants' logic and algorithmic thinking.
- Showcased coding proficiency and problem-solving collaboration within a fast-paced environment.
- Strengthened knowledge in software development and competitive programming through real-world scenarios.

Philippine Startup Challenge 8 — InStock

DICT Region VI | 2023

- Presented InStock, an IoT-based inventory monitoring prototype.
- Focused on real-time stock tracking with sensors, cloud integration, and web-based restocking controls.
- Selected as a Top 25 Finalist in the competition.

Moonshot TNK 2023 — Senior Emporium

DTI / DICT / DOST | 2023

- Pitched Senior Emporium, a job board for experienced and senior workers.
- Developed the concept with premium vouchers and a 7% profit-for-charity plan.
- Promoted accessibility, quick job matching, and digital inclusivity.