

KHADAFFE A. SULAIMAN

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EDUCATION

Pilar Colleges of Zamboanga City, Inc.

Zamboanga City, Philippines

B.S. in Information Technology

Apr 2025

- **Concentrations:** Software Engineering, Data Analytics
- **Honors:** Dean's List, Proficiency Award (DOH Internship)
- **Related Coursework:** Data Structures & Algorithms, OOP, Database Management, Machine Learning, Web Development, IT Project Management, Systems Integration & Architecture

EXPERIENCE

Freelance (Self Employed)

Zamboanga Peninsula, Philippines

Software Developer Freelance

May 2024 – Feb 2025

- Delivered tailored systems for project management and research, boosting automation and efficiency.
- Developed tools to streamline workflows, enhance data handling, and support client operations.

Department of Health (Philippines)

Zamboanga Peninsula, Philippines

Computer Programmer Intern

Dec 2024 – Apr 2025

- Modernized the internal Employee Management System using Django (leave tracking, attendance, PDS).
- Created a Python-based DTR Calculator for automated deductions and tardiness tracking.
- Migrated legacy PHP modules to Django, introducing new database structures and logic.
- Led system documentation, stakeholder interviews, testing, and rollout.
- Provided network setup and department-wide technical support.

PROJECTS

PilarEase

Pilar College of Zamboanga City, Inc.

Team Lead

Aug 2024 – Mar 2025

- Built an emotional support platform using Django, PostgreSQL, and Hugging Face models.
- Integrated emotion-based posts, profanity filtering, and counselor referrals for student users.
- Deployed via Docker & Supabase with chatbot integration for real-time interactions.
- Fine-tuned j-hartmann/distilroberta-base, achieving 92.7% F1-score and 93.4% accuracy on student feedback.

Disaster Alert Aggregator PH

Personal Project

Developer

Apr 2025 – May 2025

- Developed a real-time disaster alert system aggregating data from PAGASA and PHIVOLCS.
- Used React + TypeScript frontend and Supabase backend to filter alerts by severity and region.
- Built a web scraper in Node.js with Cheerio and scheduled via GitHub Actions (15-min intervals).
- Designed a mobile-first interface with risk indicators and alert-level tagging.

Job Tracker

Personal Project

Developer

May 2025 - Present

- Created a modern job application tracking tool with React, TypeScript, Supabase.
- Features: Google/Facebook/email auth, full CRUD, CSV/PDF export.
- Designed a responsive UI using Tailwind CSS, ShadCN/UI for components, and Framer Motion for animations.
- Implemented an analytics dashboard displaying response trends, application statuses, and average reply times.

ACTIVITIES AND LEADERSHIP

BlueCode Hackathon '25

Ateneo De Zamboanga University

- Developed Pilar-eLearn, a gamified e-learning platform; awarded Best UI/UX for innovative design using HTML5, CSS, and JavaScript.

Apr 2025

Hack4Gov Cyber Challenge 2023

Dept. of Information & Communications Technology

- Competed in national Capture The Flag (CTF) cybersecurity challenges; developed ethical hacking solutions for simulated government systems.

Sept 2023

SKILLS

Languages: Python, PHP, JavaScript, TypeScript, HTML/CSS

Frameworks & Libraries: Django, Flask, Node.js, React, Tailwind CSS, ShadCN/UI

Tools & Platforms: Git, GitHub, Supabase, Docker, Hugging Face, Jupyter

Databases: PostgreSQL, MySQL, SQLite3

Workflow: Agile, Git, VS Code, PyCharm