KHADAFFE A. SULAIMAN

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EDUCATION

Pilar Colleges of Zamboanga City, Inc. **Zamboanga City, Philippines**
B.S. in Information Technology *April 2022*

- o **Concentrations:** Software Engineering, Data Analytics
- o **Honors:** Dean's List, Proficiency Award (DOH Internship)
- o **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 2019 – May 2020*

- 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 – Present*

- 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 *April 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.* *April 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.* *April 2025*

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, Codeium
Databases: PostgreSQL, MySQL
Workflow: Agile, Git, VS Code, PyCharm