

Kimberly Padilla

+639058339267 | Valenzuela City

kimberlypadilla928@gmail.com | linkedin.com/in/kapadilla28 | github.com/kapadilla | kimberlypadilla.vercel.app

EDUCATION

University of the Philippines Cebu

Bachelor of Science in Computer Science

DOST RA 7687 Scholar

Cebu City, PH

Expected July 2026

PROJECTS

Tug-ani Website | *Next.js, TypeScript, Firebase, Tailwind CSS*

Oct 2024 – Present

- Developing a responsive website for the official school publication of the University of the Philippines Cebu
- Incorporated JSON Web Token for authentication of admin as well as BlockNote to develop a rich text editor

Perx | *React, TypeScript, Supabase, Tailwind CSS*

Aug 2024 – Present

- Developing a progressive web application to enable consumers to store and redeem digital coupons while providing merchants with tools to promote their businesses and offer discounts
- Actively following Agile methodologies, including sprint planning and iterative development, to deliver features incrementally and adapt to stakeholder feedback

MedVision | *Python, Streamlit, Google Colab*

Feb 2025 – March 2025

- Trained an AI model using YOLOv8 with a mean Average Precision of 0.717 on over a thousand images
- Deployed the model in a web application via Streamlit

Compile Studio | *Python, Tkinter, CustomTkinter, Java (MARS), Gemini API*

Sept 2024 – Dec 2024

- Developed a custom-built IDE for developing and running programs in the BrainRot programming language
- Implemented features such as custom parsing using a recursive descent parser, runtime debuggers, and a manual code generation process to convert into assembly language, as well as Code with AI with speech-to-text integration

Layman's Law | *Django, MySQL, Python, Vue.js, HTML, Tailwind CSS*

Feb 2024 – June 2024

- Developed a web application to bridge the gap between workers and legal professionals
- Designed and implemented with two main features: a legal wiki (summaries and translations of labor laws) and a lawyer-client consultation module, including an automatic lawyer verification system and CRUD operations

Quarta | *Java Swing, NetBeans*

Feb 2022 – June 2022

- Developed a simple and intuitive financial desktop application tailored to the needs of ordinary Filipinos
- Achieved high user ratings for functionality (95.0%), usefulness (96.67%), user interface (89.17%), ease of access (94.17%), and user satisfaction score of 95.0%

EXTRACURRICULAR

Hackathon

Feb 2024, Feb 2025 – March 2025

University of the Philippines Cebu

- Competed in university hackathons addressing real-world problems under the themes: “Pressing Issues in the Philippines: Issues in Employment or Education” in 2024 and “Sustainability” in 2025
- Developed Layman's Law (2024) for 10 hours and developed MedVision (2025) for 10 days

ByteBlitz Coding Challenge

Feb 2024

University of the Philippines Cebu

- Won second place in a two-hour programming competition where the team solved complex coding problems

University Catch the Flag

Aug 2024

Trend Micro Philippines

- Participated in cybersecurity University Capture The Flag (uCTF) competition, solving challenges in areas such as web exploitation, reverse engineering, cryptography, and forensics

SKILLS

Languages: Python, JavaScript, TypeScript, C++, C, SQL, PHP, HTML, CSS, R, Java

Frameworks: Next.js, React, Vue.js, Flask, Tailwind CSS, Django

Developer Tools: Git, VS Code, Google Colab, NetBeans