Kimberly Padilla

+639058339267 | Valenzuela City

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

EDUCATION

University of the Philippines Cebu   Cebu City, PH
Bachelor of Science in Computer Science   *Expected July 2026*
DOST RA 7687 Scholar

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

Compiley 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

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

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

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