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 2025 – March 2025
University of the Philippines Cebu
- Participated in a team competition to address real-world problems, focusing on the theme: "Sustainability"
- Developed MedVision 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

Hackathon — Feb 2024
University of the Philippines Cebu
- Participated in a team competition to address real-world problems, focusing on the theme: "Pressing Issues in the Philippines: Issues in Employment or Education"
- Developed Layman's Law for 10 hours

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