

PETER KIRSCH MADRID

SOFTWARE DEVELOPER

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EDUCATION

Technological Institute of the Philippines - Quezon City **June 2020 - Aug 2025**
Bachelor of Science in Information Technology

- Learned system server administration, and integration of enterprise systems for scalable software solutions
- Gained knowledge in securing systems, managing servers, and maintaining IT infrastructure

PROFESSIONAL EXPERIENCE

HiPe Japan Inc - Eastwood Global Plaza, Eastwood, Quezon City **Feb 2024 - June 2024**
Intern Software Developer

- Built a microblogging app in Laravel using MVC and RESTful standards for maintainable architecture
- Integrated APIs with a Flutter frontend, increasing responsiveness and ensuring smooth data exchange between backend and mobile interface
- Collaborated with a 4-member team to design and implement features, contributing to a functional prototype delivered within project deadlines

PROJECTS

Mathands – Mathematics Sign Language Learning App
Mambungan II Elementary School | 2024

- Developed a mobile app for Grade 1 math learning using Flutter and MediaPipe
- Implemented real-time gesture detection for sign language recognition
- Tested with students and improved UX based on feedback

Microblogging Application
HiPe Japan OJT Project | 2024

- Built a microblogging platform using Laravel (MVC, RESTful architecture)
- Integrated backend APIs with a Flutter frontend for seamless data flow
- Delivered a functional prototype within internship timeline

SoleCartel – E-Commerce Website
Academic Project | 2023

- Adapted an HTML template into PHP to build a functional e-commerce site
- Implemented basic shopping features and modularized code for easier maintenance

SKILLS

Programming: JavaScript, PHP, Java, Python
Frameworks & Libraries: Next.js, Vue.js, Laravel, Flutter
Databases & ORM: MySQL, Prisma
Tools & Platforms: Git, GitHub, XAMPP, AWS
Concept: MVC, RESTful APIs, Systems Administration, Information Security

ADDITIONAL INFORMATION

- **Seminars Attended.** Data Science and Machine Learning. Internet of Things.
- **Achievement/Activities:** VPAA Lister for 3 consecutive school years. Collaborated on team-based software projects using Laravel and Flutter
- **Certifications:** AWS Certified Cloud Practitioner, Enterprise Design Thinking Practitioner (IBM)