

# PETER KIRSCH MADRID

## SOFTWARE DEVELOPER

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### EDUCATION

<b>Technological Institute of the Philippines - Quezon City</b> Bachelor of Science in Information Technology	<b>June 2020 - Aug 2025</b>
<ul style="list-style-type: none"><li>Learned system server administration, and integration of enterprise systems for scalable software solutions</li><li>Gained knowledge in securing systems, managing servers, and maintaining IT infrastructure</li></ul>	

### PROFESSIONAL EXPERIENCE

<b>HiPe Japan Inc - Eastwood Global Plaza, Eastwood, Quezon City</b> Intern Software Developer	<b>Feb 2024 - June 2024</b>
<ul style="list-style-type: none"><li>Built a microblogging app in Laravel using MVC and RESTful standards for maintainable architecture</li><li>Integrated APIs with a Flutter frontend, increasing responsiveness and ensuring smooth data exchange between backend and mobile interface</li><li>Collaborated with a 4-member team to design and implement features, contributing to a functional prototype delivered within project deadlines</li></ul>	

### PROJECTS

#### **Mathands – Mathematics Sign Language Learning App**

Mambugan 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)