

Software Engineer
Louis Angel A. Manila
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Education

- Bachelor of Science in Computer Engineering
Lorma Colleges
2019 - 2023
Consistent Half-Scholar | Best in Computer Engineering Programmer

Skills

Java, Unity, Arduino, MySQL, PHP, HTML/CSS/JavaScript, Python, jQuery, Spring Boot, Django, Android Studio, GSAP

Work Experience

- (OJT July-August 2022) Creotec Philippines Inc.- Project Development Lead Software Developer Intern

Top Projects

- Pomodoro Project (Personal Project) - A web application that uses PHP and MySQL. It is a tool that boosts and keeps track of one's productivity. What differentiates it from others is that the records are saved into a database, which can be analyzed through a dashboard, it also features comments/notes to give an idea of what happened during a specific time.
- TSMFII (Tokai Seat Motor Final Inspection Instructions) - A mobile application made with Unity. This was the final project for my internship at Creotec. The objective was to make a digital inspection sheet, and a detailed interactive manual at the same time for a company. The employees would use it for inspecting products, or if they have any need for guidance about their work.
- Technoponics- The software part of my bachelor dissertation, a semi-automated aquaponics system. It uses an Arduino MEGA to function. It can store data in an SD card and a MySQL database through its web application, view and download data through the webapp, send notifications through e-mail, and save/load machine settings from the SD card storage. It has 2 separate web applications, online and local. The online one is only for remote monitoring, and the local one is for most of the functions, but has limited css due to the limited resources of the arduino. I used PHPMailer for emails to save arduino resources, it uses the online web host's resources instead

Certifications

- **Certificate of Attendance (04/30/2023)**
The Future of Intelligent Automation: How Robotic Process Can Improve Your Business Process
- **Certificate of Attendance (04/27/2023)**
Exploring the frontiers of Extended Reality
- **Certificate of Attendance (03/24/2023)**
Code Your Future: Industry 4.0 Careers for Non-Coders in partnership with DICT Region XII and BARMM
- **Certificate of Attendance (08/28/2022)**
StackLeague x Angular PH: GitHub Actions (Deploying Your Apps on the Fly).
- **Certificate of Participation (09/2019)**
The Institute of Computer Engineers of the Philippines Leadership Training
- **Certificate of Participation (03/2019)**
ICT Summit San Fernando, La Union
- **Certificate of Participation (03/2019)**
Hackathon San Fernando, La Union

Links

- Portfolio Website: <https://kkkosmo.github.io>
- LinkedIn: <https://www.linkedin.com/in/louis-manila-060178284/>
- Github: <https://github.com/KKKosmo>