



# ERVIE JOHN VILLAREAL

## COMPUTER ENGINEER

A programmer with knowledge of Full-Stack Software Development and experience in both web and mobile development. Focused on using technical skills and smart problem-solving approaches to work on different projects in the tech world while also contributing to the organization's growth.

### CONTACT

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📍 Caloocan City

🌐 [erviejohn.github.io/portfolio](https://erviejohn.github.io/portfolio)

### EDUCATION

- Technological Institute of the Philippines  
*BS Computer Engineering*  
Completed in 2022
- St. Theresa's School of Novaliches  
*STEM*  
Completed in 2018

### DESIGN PROJECT COMPLETED

- Design of Anomaly Detection System of Household Electricity Consumption - 2022
- Detection of Blood Quantity using Image Processing - 2021
- A Management Tool Software for RL Land Registration Services with Database Management System - 2021
- Cyber Attacks During the Pandemic and Awareness of Filipino about Cybersecurity, Technological Institute of the Philippines Quezon City - 2021
- Application of the Analytic Hierarchy Process to Improve the Mental Health of Computer Engineering Students in T.I.P. Quezon City - 2020
- Interpersonal Relationship's Influence to Senior High School Toward Academic Competency - 2018

### WORK EXPERIENCE

#### ● Software Developer (Full-Stack Developer)

*Web and Mobile Developer at Kasagana-Ka Cooperative (KCOOP) - June 2023 - April 2024*

- Handled web and mobile development
- Handled security and validation of API
- Trained an internship student to design a mobile development
- Resolved system and human errors
- Designed and published KCOOP website

I've learned a lot about web and mobile development, particularly with Ruby on Rails. It offers an easy, secure way to interact with databases using Ruby code.

### EXTRA AND CO-CURRICULAR ENGAGEMENT AND VOLUNTEER WORK

- Participant in the PNP - ITMS Hackathon 2022 at Camp Rafael Crame PNP General Headquarters - 2022
- Working Online in Remotask - Annotating and Labeling objects - 2021
- Participant in the BLUE HACKS 2020 at Ateneo De Manila University - 2020

### KNOWLEDGE, SKILLS, AND ATTITUDE

#### ● Skills

- Able to use different operating systems such as Windows/Linux
- Network Security and Automation
- Database Management
- Hardware Troubleshooting
- Network Troubleshooting
- Linux Scripting

#### ● Knowledge

- Django
- React Native
- React JS
- Ruby on rails
- PyQt5
- Ansible
- System Administrator

#### ● Programming Languages

- Python
- JavaScript/HTML/CSS
- Ruby/HAML
- C and C++

#### ● Characteristics

- Hardworking
- Time Management
- Creativity
- Problem Solving
- Collaboration
- Honest

### SEMINARS AND TRAININGS ATTENDED

- Ethical Hacking And Pentesting Workshop, October 21 - 22, 2023, MSTCONNECT PH, via Google Meet
- Fortinet NSE1: Information Security Awareness, February 24, 2022, Experts Academy
- Fortinet NSE2: The Cybersecurity, March 10, 2022, Experts Academy
- Sophos Central Overview, March 16, 2022, Experts Academy
- Sophos Certified Engineer, March 29, 2022, Experts Academy
- Fortinet NSE 4: FortiGate Security 7.0 self-Paced, April 4, 2022, Experts Academy
- Fortinet NSE 4: FortiGate Infrastructure 7.0 Self-Paced, April 11, 2022, Experts Academy
- Four Day Webinar "Mobile Application Development using React Native", December 4, 2021 to January 8, 2022, ICPEP via Cisco Webex
- Big Data, November 26, 2021, via Google Meet
- Mobile Development, October 30, 2021, via Google Meet
- Information Security and Solutions for Higher Education, October 29, 2021, via Google Meet AL, ML, RPA, October 26
- Blockchain, October 23, 2021, via Google Meet