

Emmar Christian Echano Perez

emmarchristianp@gmail.com | 0926-936-3310 | <https://emmrchrstn.github.io/MemarWebDev-Portfolio/>

SKILLS

Programming Languages: SQL (PostgreSQL), Python (NumPy), JavaScript
Backend Development : Node.js, Express.js, EJS, RESTful API development
Database Tools: PostgreSQL
Web Development: HTML, CSS, Bootstrap
Tools & Environments: Git, VS Code, Postman, IntelliJ IDE, Burp Suite, Zap

WORK EXPERIENCE

Sophie's Information Technology Services (January 2025 – May 2025)

Quality Assurance Tester Intern | Technologies Used: Postman, JMeter, Trello, IntelliJ

- Gained hands-on experience in writing test cases and performing functional, regression, and performance testing, while effectively reporting defects to developers.
- Created and executed test plans, logged defects, and collaborated with team members using Trello.
- successfully identifying a critical issue before deployment and client delivery, ensuring project quality.

Epson Precision Philippines Incorporated (Oct 2020 – March 2021)

Production Operator

- Performed visual inspections and basic quality checks on finished products.
- Assembled printer components and units following standard work instructions.

EDUCATION

STI College Lipa | Lipa City Batangas, Philippines

Bachelor of Science in Computer Engineering (Sept 2021 – Jul 2025)

- Honor: Loyalty Awardee (General Weighted Average: 1.81)

STI College Lipa| Lipa City Batangas, Philippines

Academic Track: General Academic Strand (GAS)

- General Weighted Average: 86

CERTIFICATIONS

- Full-stack Web Development | Udemy (Jan 2026)
- Data Analytics Essentials | Cisco (Nov 2025)
- Software Testing |Udemy (Sept 2025)
- Certified in Cybersecurity|ISC2 CC (August 2025)
- Bug Bounty Hunting & Web Security Testi | Udemy (May 2025)

PROJECTS & EXTRACURRICULARS

Best Thesis Research

Issued by: STI College Lipa, December 2024

Android-Based Automated Feeder and Monitoring System for Koi Aquarium (Dec 2024)

Technologies Used: C++, Firebase, Arduino, Esp32, Android Studio

- Developed an Android-based system to monitor water quality (pH, TDS, oxygen, and temperature) in real time to help owners maintain clean and healthy aquariums.
- Developed an Android-controlled automated feeder for aquariums, allowing owners to schedule feeding times and monitor feeding remotely, ensuring proper nutrition and reducing manual effort.