

[FIRST NAME]

[MIDDLE NAME]

[LAST NAME]

# JORGE GREGORIO LEPASANA

Portfolio: <https://jorgeportfolio.vercel.app/>

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Address: Bulihan, Silang, Cavite



## WORK EXPERIENCE

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### Software Developer

Feb 25, 2025 - July 25, 2025

Company: Towards Zero Carbon Ltd.

Address: Unit 2E, Ballyhimmin Business Park, Castlecomer, co. kilkenny, Ireland

- Led full-cycle development of two major web systems from backend to frontend, testing, deployment, and documentation.
- Designed and built an Internal Management System (IMS/CRM) to replace manual Excel workflows for quotation and client management.
- Developed features like PDF generation, SMTP-based email sending, and role-based dashboards using Django + AdminLTE.
- Automated quotation creation and delivery—cutting manual steps and improving client response times.
- Developed a data capture and visualization platform for a construction company to automate and monitor asphalt production performance. Automated FTP file ingestion, XML parsing, and data storage in PostgreSQL.
- Implemented Celery & Redis to schedule background tasks for daily data processing.
- Developed dashboards showing production trends, machine utilization, and downtime analysis.
- Tech Stack: Django, Celery, Redis, PostgreSQL, HTML/CSS/Bootstrap, AdminLTE, ReportLab, GitHub, SMTP Email, Linux Server Deployment

### Student Intern

Feb 03, 2025 – May 23, 2025

Company: EE De Dios Accounting and Consultancy Services

Address: Unit B G/F, J & D Bldg, Summerwind Village 3, B1 L11 Jose Abad Santos, Salitran, Dasmarinas, Philippines

- Assisted in basic accounting tasks such as data entry, filing, and reconciling records.
- Supported the preparation of financial reports and documents under the supervision of licensed accountants
- Gained hands-on experience with accounting software like e-BIR Forms and Alphalist with common office tools.

## EDUCATION

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Degree:

Bachelor of Engineering Technology Major in Computer Engineering Technology:

Sept 2021 - July 2025

Technological University of the Philippines – Cavite

1. Academic Achievements:
  - **CUM LAUDE**
  - Scholastic Awardee (2023-2024)
2. Relevant Projects & Coursework:
  - **Vending Machine Design and Implementation (Thesis):** PHP, MySQL, HTML, CSS, PHP, MySQL, HTML, CSS, Arduino Mega, C/C++, Arduino Mega, ESP32.
  - **Cooking Recipe Mobile App:** Android Studio, Kotlin, Java, Firebase
  - **Remote Control Car:** Arduino Uno, Bluetooth, C++
  - **Web App Development:** HTML, CSS, Bootstrap, JavaScript, Django, MySQL

- **Desktop App Development:** Python, Tkinter, PyQt, MySQL

### 3. Leadership & Extracurricular Activities:

- **University Student Government-Mayor**, Academic Year 2024–2025
- **Internal Vice President, ACTS (Association of Computer Technology Students)**, Academic Year 2023–2024
- **Debate Representative**, ACTS, *Student Talks - An Engaging Exchange of Knowledge Through Debate* (National Students Day, TUP-C), November 18, 2022
- **Participant**, ACTS, *2-Day Year-End Leadership and Capability Enhancement Training, Nurturing Today's Leaders for Tomorrow's Challenges*, December 20–21, 2023

Senior High School:

**TVL – Information Communication Technology Specialization in Computer Systems Servicing:**

May 2021

Notre Dame of Trece Martirez

### 1. Academic Honors:

- With Honors (2019-2020)

## CERTIFICATES

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### 1. Cisco Networking Academy

- **Introduction to Cybersecurity** — Issued Nov 7, 2024 | 6 hours  
Skills: Cybersecurity Fundamentals, Cybersecurity Careers
- **Networking Basics** — Issued Oct 9, 2024 | 22 hours  
Skills: Computer Networking Fundamentals, Network Operations
- **Introduction to Packet Tracer (Exam)** — Issued Sep 15, 2024  
Skills: Packet Tracer Simulation, Network Configuration Basics
- **Network Addressing and Basic Troubleshooting** — Issued Sep 15, 2024 | 14 hours  
Skills: IP Addressing, Subnetting, Network Troubleshooting Techniques

### 2. Research & Events Participation

- **1st INNOTECH-CON: Dissemination, Appreciation of Researches – Exhibit (DARE) 2025**  
Organized by the Office of Extension Services and the Department of Industrial Technology  
Event Participation – February 13, 2025 · TUP-Cavite  
Presented Research Title: Innovation of School Supplies Vending Machine with Monitoring System

## TECHNICAL SKILLS

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### 1. Programming & Web Development:

- Proficient in Python & Django for full-stack development
- Solid in HTML, CSS, Bootstrap, JavaScript (UI/UX, responsive design)
- Experience in REST APIs, SMTP email, PDF generation (ReportLab)

### 2. Database & Data Management:

- Skilled in PostgreSQL, Celery, Redis, XML parsing, FTP automation

### 3. DevOps & Deployment:

- Familiar with Linux server deployment, .env configs, Git/GitHub, basic CI/CD

### 4. Productivity & Design Tools:

- **Microsoft Office Suite**, Canva, **CAD tools**
- Strong accuracy in data entry, reporting, and documentation

### 5. Soft Skills:

- Excellent communication, problem-solving, and adaptability
- Fast learner with strong collaboration in team or solo environments