# JORGE G. LEPASANA

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## PROFESSIONAL SUMMARY

Detail-oriented Software Developer with hands-on experience in full-stack Django applications, backend development, and database management. Skilled in automating workflows, deploying web systems on Linux-based environments, and delivering scalable software solutions with clean, maintainable code.

## EDUCATION

**Technological University of the Philippines – Cavite**
*Bachelor of Engineering Technology in Computer Engineering Technology — July 2025*
- **Honors:** Cum Laude | Scholastic Awardee (2023–2024)
- **Thesis:** Vending Machine with Monitoring System (PHP, Arduino, C++)
- **Key Projects:** Data Management System, CRM Web System, Energy Usage Report System (Django, PostgreSQL), Android Recipe App (Kotlin, Firebase), Remote Control Car (Arduino, Bluetooth)
- **Leadership:** USG Mayor (2024–2025), VP – ACTS (2023–2024)

## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript, C++, Java, SQL
**Frameworks & Tools:** Django, Bootstrap, REST APIs, Celery, Redis
**Database Systems:** PostgreSQL, MySQL, SQL Server
**DevOps & Deployment:** Git/GitHub, Docker, Linux (Ubuntu, Nginx)
**Other Skills:** MS Excel, Canva, Technical Documentation, Communication & Collaboration

## WORK EXPERIENCE

**Freelance Software Developer | Towards Zero Carbon Ltd. (Ireland)** — *Feb 2025 – Sept. 2025*
- Developed full-stack Django web applications integrating Celery, Redis, and PostgreSQL.
- Built and deployed internal management and CRM systems improving operational efficiency.
- Automated FTP data ingestion and processing, optimizing backend performance and reliability.

**Student Intern | EE De Dios Accounting and Consultancy Services** — *Feb 2025 – May 2025*
- Assisted in preparing financial reports and e-BIR forms using accounting tools and Excel.
- Digitized accounting data and supported migration of client records into structured databases.

## CERTIFICATIONS & TRAINING

- Cisco Networking Academy: Introduction to Cybersecurity, Networking Basics, Packet Tracer
- Research Presenter: 1st INNOTECH-CON 2025 – *Vending Machine with Monitoring System*