CEDRICK MASALUNGA LUNA

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Portfolio: cluna-prtflio.vercel.app/ | LinkedIn: linkedin.com/in/cedluna/ | GitHub: github.com/LunaCedrick

PROFESSIONAL SUMMARY

Computer Engineering graduate focused on backend development, real-time systems, and AI-assisted software engineering workflows. Experienced in building web applications using JavaScript, Firebase, REST APIs, and cloud-based technologies, with strong interest in scalable backend architecture, automation, and deployment systems. Passionate about designing structured, real-world applications that solve problems through logic, system thinking, and modern development practices. Currently expanding expertise in backend engineering, Python development, and cloud technologies.

EXPERIENCE & TRAINING

Project Management Intern (OJT) | *Hi-P Philippines, Batangas* Jan 2026 – May 2026

- Assisted in monitoring technical project lifecycles and tracking resource timelines within a high-volume manufacturing environment.
- Gained valuable exposure to large-scale industrial infrastructure, corporate documentation, and professional business workflows.
- Observed multi-departmental project coordination and supported basic day-to-day administrative project tracking.

EDUCATION

Bachelor of Science in Computer Engineering

Manuel S. Enverga University Foundation, Candelaria Inc. | 2022 – 2026

- Excellence in Practicum | Dean's Lister | Outstanding Achievement | Academic Scholar

PROJECTS

Taskly - Realtime Task & Project Management Web Application | In Development - GitHub
Personal Project | Full-Stack Developer

- Architecting a multi-project task manager with Firebase Authentication, Firestore real-time sync, offline persistence via Indexed DB, and browser push notifications via FCM.
- Designing collection group queries for cross-project dashboard aggregation and applying Firestore security rules for strict per-user data isolation.

Portfolio Website cluna-prtflio.vercel.app **|** 2026 - Live
Personal Project | Full-Stack Developer

- Built a dark-themed personal portfolio using HTML, CSS, and Vanilla JavaScript with no frameworks — deployed on Vercel with GitHub continuous deployment.
- Implemented a dynamic project carousel with modal popups, smooth section transitions, and a fully responsive layout for desktop and mobile.

IoT-Enabled Solar Charging & Water Vending Kiosk | 2025 – 2026
Thesis Project | Full-Stack Developer | Project Manager

- Designed a student kiosk combining water dispensing logic with multi-slot device charging infrastructure.
- Integrated Arduino, Raspberry Pi, RFID readers, coin acceptors, and sensors for hardware control.
- Connected a custom web dashboard to a Google Firebase database to log real-time transaction data.

TECHNICAL SKILLS

Languages: HTML, CSS, Python, JavaScript, C++, Java, Visual Basic
Hardware & IoT: Arduino, Raspberry Pi, RFID Systems, Sensor Integration
Infrastructure: Network Configuration (LAN), OS Installation, Hardware Troubleshooting
Software/Tools: VS Code, AutoCAD (2D/3D), Firebase, GitHub, Godot Engine, Codex, Copilot, MS Office

HONORS & CERTIFICATIONS

- **Joint Delivery Voucher Program: Computer System Servicing – Training** (TESDA - 320 Hours)