



ERVIN JOSH T. PEJO

BS Computer Science with specialization in **Software Engineering**

Manila, Philippines | pejo.ervin@gmail.com | +63 976 346 3198

ervzs.github.io/portfolio | github.com/Ervzs | linkedin.com/in/ervin-josh-pejo

SUMMARY | Software engineer with 2 internships (Dec 2025 – Jul 2026) building full stack Laravel and Vue.js web applications, including a company CRM. Built 4 projects (3 live) across Django REST APIs + React/TypeScript, machine learning with YOLOv11, and reinforcement learning.

EDUCATION | **BS Computer Science, Software Engineering | FEU Institute of Technology**
Sep 2022 – Sep 2026 | Manila, Philippines

SKILLS |

- **Languages:** Python, JavaScript, TypeScript, PHP, Java, SQL
- **Frontend:** React, Vue.js, Vuetify, Tailwind CSS, Vite
- **Backend:** Django REST Framework, Laravel, Flask, REST APIs
- **Machine Learning:** Ultralytics YOLO, TensorFlow Lite, Roboflow, NumPy
- **Databases:** PostgreSQL, MySQL
- **Tools:** Git, GitHub Actions, Postman, Figma
- **AI Tools:** Claude Code for faster coding and debugging

EXPERIENCE | **Full-Stack Developer Intern | Ayahtek Corp.**
Apr 2026 – Jul 2026 | Manila, Philippines (Remote)

- Co-built v1 of the company's internal CRM (super-admin side) with 7 modules: authentication, email, contacts, leads, pipeline stages, clients, and projects, using Laravel and Vue.js.
- Removed manual re-entry between modules by linking them end to end: converting a contact to a lead places it on the pipeline board and creates its client and project records automatically.
- Centralized end-of-day Agile/Scrum updates for the entire company by building a Discord bot where employees submit updates through a form, view them by project, and add new projects to group them.
- Fixed frontend and backend bugs in the company's existing ticketing system by tracing issues across Laravel and Vue.js code.

Junior Web Developer Intern | Circuit Solutions Inc.
Dec 2025 – Mar 2026 | Manila, Philippines (On-site)

- Designed both the admin and consumer interfaces of myhometown.ph, a live real estate platform, by turning client requirements into clickable Figma prototypes.
- Built the platform's map and property card modules with Laravel and Vuetify.
- Refined the design through 3+ client consultations by gathering requirements in each meeting and revising the prototypes after each one.

PROJECTS | **Career Pipeline | career-pipeline-fawn.vercel.app**

- Built and deployed a live multi-user job tracker with a Kanban board and a SQL-aggregated analytics dashboard, using Django REST Framework, PostgreSQL, React, and TypeScript.

- Secured sessions with JWT authentication and httpOnly refresh-token rotation, and enforced per-user data isolation.
- Kept drag-and-drop instant with optimistic updates that roll back on server errors.

Just Cars | ervzs.github.io/just-cars

- Catalogued 2,280 car models (2000–present) in React, TypeScript, and Tailwind CSS by writing a JavaScript data pipeline that merges FuelEconomy.gov, Wikipedia, and Sketchfab API data.
- Made any model findable in one search with spacing-insensitive, relevance-ranked search, multi-filter browsing, and rotatable 3D models.

e-Xtract (Thesis) | ervzs.github.io/eXtract-web

- Detected valuable e-waste components in real time, as part of a 4-person thesis team, by fine-tuning a YOLOv11 model on a custom dataset annotated and augmented in Roboflow.

Smarty Ratty

- Trained a Q-learning agent in Python and NumPy to find the optimal 10-step maze path within 2,000 episodes from zero prior knowledge, using epsilon-greedy exploration and Bellman updates, with a live Pygame view of training.

ACHIEVEMENTS & CERTIFICATIONS

- **Dean's Lister** – FEU Tech, 3rd Term AY 2024–25, 1st Term AY 2025–26
- **IT Specialist – Java** – Certiport (2024)
- **Python Essentials 1** – Certiport (2024)
- **JavaScript Essentials 1** – Cisco Networking Academy (2025)
- **DevNet Associate** – Cisco Networking Academy (2025)
- **CCNA: Introduction to Networks** – Cisco Networking Academy (2024)
- **PMI Project Management Ready** – Project Management Institute (2025)

OTHER EXPERIENCE

Event Staff | Vibes Events, Vital Hospitality Agency

Sep 2021 – Mar 2022 | Abu Dhabi, UAE

- Handled registration, badge printing, ticket scanning, and access control for 1,000+ guests at ADIPEC, VIV MEA, the Abu Dhabi HSBC Golf Championship, and Abu Dhabi Sustainability Week.
- Issued accreditations and security passes for Yasalam F1 After-Race Concerts staff by entering and auditing records in the event system and resolving data mismatches with cross-functional teams.
- Assisted VIP guests at Louvre Abu Dhabi cultural events (UAE National Day, Lang Lang concert) and processed POS sales at Etihad Arena events (UFC 267, Russell Peters).

LANGUAGES

English (fluent), Filipino (native)