# ERVIN PANGILINAN

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## EXPERIENCE

**FULL STACK DEVELOPER INTERN**                                                    JUN 2024 - FEB 2025
FIVETWENTY I.T. SERVICES                                                    ALABANG, MUNTINLUPA CITY

- Developed multiple systems including a corporate attendance timekeeping system using **React.js, Express.js, Prisma,** and **PostgreSQL**; containerized the system using **Docker** and hosted on **DigtialOcean.**
- Led the implementation of **E2E testing** with **Jest, Supertest,** and **Playwright** ensuring reliability in system workflows.
- Collaborated with senior developers in an **Agile enviroment**, contributing to sprints, debugging, QA, and code reviews to strengthen teamwork and deliver high-quality features.

**FREELANCE FULL STACK DEVELOPER**                                                    2023- 2025

- Designed, developed, and deployed end-to-end web and mobile applications for small businesses and educational clients, improving operational workflows and automating critical processes.
- Delivered solutions using **React.js Express.js, Next.js** and **React Native** ensuring scalability and efficiency.
- Provided ongoing support and maintenance, ensuring long-term reliability and client satisfaction.

## TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3, Python
- **Frameworks:** React.js, React Native, Next.js, Node.js, Express.js, FastAPI, TailwindCSS
- **Databases & Cloud:** PostgreSQL, SQLite, Supabase, Firebase, MongoDB
- **DevOps & Tools:** Docker, Git, GitHub Actions, DigitalOcean, Expo
- **Design & Prototyping:** Figma, Canva, Draw.io
- **Other:** Unity(2D), C#, spaCy, Ollama(LLM)

## PROJECTS

**PAYSERA TIMEKEEPING SYSTEM | 2024–2025 | INTERNSHIP PROJECT AT FIVETWENTY I.T. SERVICES**

- Our team Developed a timekeeping system supporting 20+ employees, improving tracking accuracy and reducing manual errors.
- Led backend E2E testing using **Jest, Supertest, Playwright**, verifying API endpoints, authentication, and attendance logic.
- Deployed with **Docker** on **DigitalOcean** and set up CI/CD pipelines with **GitHub Actions**, for smooth production releases.

**FAIR WRITE - GENDER-FAIR LANGUAGE WEB APP | 2024-2025 | THESIS PROJECT**

- Developed a text revision app that suggests inclusive and gender-fair alternatives, building a **RESTful API** with **Python** and **FastAPI**.
- Integrated **spaCy** for NLP and optimized the backend to handle concurrent requests, ensuring fast and reliable responses.

**GREENCYCLE | 2025 | FREELANCE PROJECT**

- Developed an offline-first mobile app **React Native, Supabase and TypeScript** for recycling awareness.
- Implemented data syncing between local and the cloud after reconnection, with testing across Android and iOS.

**SALES AND INVENTORY SYSTEM OF AJAPCO| 2023 |FREELANCE PROJECT**

- Designed and deployed a sales and inventory management system using **React.js**, **Node.js**, and **MySQL**.
- Conducted UAT with store staff, improving accuracy and fixing critical bugs pre-launch for stable daily operations.

## EDUCATION

**Cavite State University**                                                    September 2022 – September 2025
BACHELOR OF SCIENCE IN COMPUTER SCIENCE
- Alliance of Computer Scientists │ 4TH YEAR CHAIRPERSON
- Best Thesis (2025) │ Best Game in COSC 106 (2024)
- Dean's List of 4 semeters

**AMA Computer College Las piñas**                                                    April 2022 – March 2025
ICT (JAVA COMPUTER PROGRAMMING)
- Graduated with High Honors │ GPA: 96.6