ERVIN PANGILINAN

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EXPERIENCE

FULL STACK DEVELOPER   AUG 2025 - FEB 2026
HEQS GROUP   SYDNEY, AUSTRALIA (REMOTE)

- Built, maintained and optimized production web applications using **Javascript, Next.js**, **NestJS** and **Laravel**.
- Migrate legacy Next.js Pages Router to App Router, resulting a **30%+ faster page load** and improved Core Web Vitals.
- Applied technical SEO solutions and dynamic sitemaps that **increased organic page visits by ~2,000+.**
- **Reduced cloud costs by ~45%** by implementing CDN-based asset caching, and server-side rendering strategies.
- **Automated production build and release workflows** for services hosted on Vercel, Heroku, AWS, and Azure by orchestrating robust CI/CD pipelines using GitHub Actions.

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

- Developed and engineered enterprise-grade applications using **TypeScript**, **React.js, Express.js** and **PostgreSQL** containerized the system using **Docker** and hosted on **DigitalOcean .**
- Pioneered the adoption of **E2E testing** using **Playwright** and **Jest**, reducing regression bugs and ensuring reliability.
- Worked with a team in an **Agile environment**, participating in sprint planning, debugging, QA, and code reviews.
- Assisted with IT troubleshooting (hardware, software, network), reducing downtime for employees.

FREELANCE DEVELOPER   2023- 2025
Self-Employed

- Designed and developed full-stack web and mobile applications for small businesses and academic clients.
- Built systems using React, Express, **React Native**, **Supabase**, and PostgreSQL.
- Secured and optimized client applications, implementing authentication flows and database policies.
- Deployed applications and provided ongoing maintenance, bug fixes, and performance improvements

TECHNICAL SKILLS

- **Languages**: JavaScript (ES6+), TypeScript, PHP, Python, HTML5, CSS3, SQL
- **Frameworks**: Next.js, React.js, NestJS, Node.js, Express.js, Laravel, React Native, TailwindCSS
- **Cloud & DevOps**: AWS, Azure, Vercel, Heroku, Docker, DigitalOcean, GitHub Actions, CI/CD
- **Databases**: PostgreSQL, Supabase, MySQL, MongoDB, Firebase
- **Tools & Design**: Git, Figma, Postman, Expo, Draw.io
- **AI & Automation**: N8n Workflow Automation, Ollama (Local LLMs), OpenAI API

PROJECTS

PAYSERA TIMEKEEPING SYSTEM | 2024–2025

- Our team developed a corporate timekeeping system used by 40+ employees to track attendance and work hours.
- Built backend APIs using Express.js, Prisma, and PostgreSQL.
- Implemented **E2E** and **API testing** with **Jest**, **Supertest**, and **Playwright**.
- Containerized the system using Docker and deployed on DigitalOcean with CI/CD.

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, Expo, Supabase and TypeScript** for recycling awareness.
- Implemented data syncing between local and the cloud after reconnection, with testing across Android and iOS.

EDUCATION

Cavite State University
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 5 semesters

AMA Computer College Las Piñas
ICT (JAVA COMPUTER PROGRAMMING)

- Graduated with High Honors | GPA: 96.6