Ervin Pangilinan

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Summary

Entry-level full-stack developer with practical experience delivering web and mobile applications from concept to deployment. Proficient in backend systems, databases, and DevOps, with a solid foundation in front-end frameworks and cross-platform mobile development. Passionate about building scalable solutions that improve workflows, user experience, and business operations.

Experience

INFORMATION TECHNOLOGY INTERN | JUN 2024 - FEB 2025 | ON-SITE
FIVETWENTY I.T. SERVICES | FILINVEST CITY, ALABANG, MUNTINLUPA CITY

- Designed, developed, and deployed a timekeeping and attendance system using Express.js, Prisma ORM, PostgreSQL, Docker, and DigitalOcean, improving accuracy of employee tracking and earning positive feedback from staff and management.
- Implemented API testing (Jest + Supertest) to ensure reliability in authentication and timekeeping workflows.
- Collaborated on multiple company projects: debugging, QA testing, and optimizing system performance.
- Assisted with basic IT troubleshooting hardware, software, and network to support daily operations.

FREELANCE PROGRAMMER | 2023- 2025

- Built custom web and mobile apps for students and small businesses, enhancing workflows and productivity
- .Designed and implemented backend solutions with React.js, Express.js, React Native, and Python, ensuring scalability and efficiency.
- Worked closely with clients to gather requirements and deliver tailored solutions that met business and academic needs.
- Provided ongoing support and maintenance, ensuring system reliability and long-term client satisfaction.

Skills

- Core: JavaScript (ES6+), TypeScript, React.js, Node.js, Express.js, Prisma, PostgreSQL, Docker, GitHub Actions
- Supporting: Next.js, NestJS, FastAPI, Supabase, Firebase, MongoDB
- Mobile: React Native, Expo
- Design & Tools: Figma, Photoshop, Illustrator
- Others: Unity (2D), C#, spaCy, Ollama

Projects

FAIR WRITE – GENDER-FAIR LANGUAGE APP | 2024-2025 | THESIS PROJECT
- Built FastAPI backend for text analysis and inclusive language recommendations (Python + spaCy).
- Optimized backend for concurrent requests and reliable performance.
- Designed and tested NLP logic to handle varied sentence structures and user inputs.

PAYSERA TIMEKEEPING SYSTEM (2024–2025 | INTERNSHIP PROJECT AT FIVETWENTY I.T. SERVICES)
- Developed backend for attendance/timekeeping system (MERN, Prisma, PostgreSQL, TypeScript).
- Built and executed E2E tests (Jest + Supertest) for API endpoints, authentication, and attendance logic.
- Performed QA on payroll, schedules, and time-in/out workflows.
- Deployed system with Docker on DigitalOcean and validated production stability.

GREENCYCLE | 2025 | FREELANCE PROJECT
- Built offline-first backend logic for recycling app (React Native, Supabase, TypeScript).
- Tested data sync between local storage and cloud, ensuring consistency across Android/iOS.

SALES AND INVENTORY SYSTEM OF AUTHENTIC JAPAN CHOCOLATES | 2023 |FREELANCE PROJECT
- Developed a sales and inventory management system (React.js, Node.js, MySQL).
- Conducted UAT with store staff to validate inventory accuracy, stock alerts, and sales reporting.
- Logged and fixed critical bugs to ensure smooth daily operations.
- Created simple test scripts to verify transaction flows and data consistency.

Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
Cavite State University Bacoor
Alliance of Computer Scientists | 4TH YEAR CHAIRPERSON

SENIOR HIGH (TVL-ICT), JAVA COMPUTER PROGRAMMING
AMA Computer College Las piñas
Graduated with High Honors | GPA: 96.6