PAUL ARDY S. ERNI

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Balanga City, Bataan, Philippines

SUMMARY

Information Technology student with full-stack development experience, focused on building workflow-driven systems and backend logic. Experienced in developing data-driven applications using Next.js, Node.js, and MySQL, with an emphasis on process automation and system design. Actively leveraging AI-assisted development tools to accelerate prototyping, debug code, and explore scalable architectures while strengthening core programming fundamentals.

TECHNICAL SKILLS

Full-Stack Development: React.js, Next.js, TypeScript, Node.js

Backend & Data: MySQL, Firebase

System Design & Workflow: Application logic design, data flow structuring, process automation

Tools: Git, Google Workspace, Microsoft Office

Design: Figma (UI/UX Prototyping)

PROJECTS

Provident Fund Online Reporting and Monitoring System – SDO Balanga City (Ongoing)

- Designed and developed a loan tracking and reporting system with structured workflow logic

- Built backend processes for managing loan records, balances, and status transitions

- Implemented authentication and backend API handling using Node.js, Firebase, and MySQL

- Developed end-to-end data flow between frontend (Next.js) and backend services

- Applied AI-assisted development tools to accelerate debugging and feature development

Athlon — Fitness & Community Engagement Application (Thesis)

- Project Leader and UI/UX Designer

- Designed wireframes and interactive prototypes using Figma

- Led team coordination, feature planning, and research presentation

WORK EXPERIENCE

Student Assistant (2022 – 2025) – PESO Balanga

- Supported administrative operations including document processing and records management

- Organized reports, seminar documentation, and structured filing systems

- Improved task efficiency through better workflow organization

EDUCATION

Bachelor of Science in Information Technology (2022 – Present)

Bataan Peninsula State University – Main Campus

Dean's Lister (2022–2025)

CERTIFICATIONS

- Cisco Computer Hardware Basics

- Cisco Cyber Threat Management

- PMI Project Management Ready

- IC3 Digital Literacy Certification

- IT Specialist – Cybersecurity

- IT Specialist – Device Configuration & Management

- IT Specialist – Network Security

- IT Specialist – Software Development

- Microsoft Office Specialist (Word, Excel, PowerPoint)

- IBM Design Thinking Practitioner