

IAN PURIFICACION

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PROFESSIONAL SUMMARY

Computer Science graduate with hands-on experience in developing full-stack applications and supporting software development projects in academic, freelance, and professional environments. Experienced in collaborating with stakeholders, delivering functional systems, and working with modern technologies.

EDUCATION

Bachelor of Science in Computer Science | [Colegio de Santo Cristo de Burgos](#) | 2022 – 2026

WORK EXPERIENCE

Junior Web Developer | [RG-RR WebMaker](#) | Aug 2025 – Dec 2025

- Developed a job-matching platform for OJT student placement with application tracking and employer dashboards.
- Built a learning management system with role-based authentication, student progress tracking, and course management features.
- Collaborated with stakeholders to gather requirements and deliver solutions; supported and mentored OJT students in web development fundamentals.

PROJECTS

[AutoMetrik](#) — **Academic Assessment Platform** (Capstone Project)

- Developed an AI-powered hybrid computer vision-based OMR and online assessment platform with automated grading and exam monitoring features
- Built analytics modules to process student performance data and generate reports, reducing manual processing time by 90%.

[PaSend](#) — **Web3 Escrow and Micropayment Platform** (Hackathon Project)

- Developed a blockchain-based escrow system with smart contract integration for secure transactions.
- Achieved Top 10 Finalist among 30 teams in the Morph Network hackathon.

[Lomilindol](#) — **Earthquake Monitoring System** (Hackathon Project)

- Built a real-time earthquake monitoring system using seismic data APIs with location-based alerts.
- Represented the school, securing 3rd Place among 12 teams in the OpenIT hackathon.

Other Projects (Freelance / Academic)

- Developed a self-service [pharmacy kiosk system](#) with inventory and sales tracking.
- Built a banking simulation system with secure transactions and SQL injection protection.
- Built an e-commerce system with Role-Based Access Control for buyers, sellers, and admins.
- Refactored legacy systems into modular architectures and improved API structure for scalability.

SKILLS

Programming Languages: JavaScript, TypeScript, PHP, Python, SQL

Frontend: React.js, Next.js, HTML, CSS, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, REST APIs, Firebase

Database: MySQL, PostgreSQL, Firestore

Cloud & Deployment: Vercel, Firebase Hosting

Version Control & Collaboration: Git, [GitHub](#)

Systems Concepts: System Design, Workflow Automation, RBAC, API Integration, Database Design, SDLC

Productivity Tools: Microsoft Office Suite (Excel, Word, PowerPoint), Google Workspace (Docs, Sheets, Slides)

AI-Assisted Development Tools: Applied AI tools for software development support and productivity enhancement

Core Competencies: Problem Solving, Critical Thinking, Detail-Oriented, Collaboration, Communication, Time Management, Adaptability