

MARK ERICK PADUA SERRANO

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SUMMARY

BS Information Systems graduate (Cum Laude) and Full-Stack Web Developer experienced in building responsive web applications, database-driven systems, and workflow automation. Proficient in PHP, Laravel, JavaScript, React, MySQL, PostgreSQL, and Tailwind CSS, with experience developing secure administrative systems, student-focused platforms, and independently deployed web applications.

EXPERIENCE

Bicol University - University Registrar's Office OJT Intern	Rizal Street, Legazpi City, Albay February 2026 – May 2026
- Developed the Services page for the BU Registrar Online Request System, streamlining student access to office information and services. - Digitized student records and updated curricula and Transcript of Records (TOR) databases, significantly improving document retrieval times for administrative staff.	

PROJECTS

BUeño: Independent Student Hub & Web Toolkit 2026 – Present
- Built and deployed a student-focused web platform providing free browser-based productivity tools, PDF utilities, file converters, and other student resources. - Implemented client-side file processing and conversion workflows to allow users to work with files directly in the browser without uploading sensitive documents. Live Demo: bueno-hub.vercel.app

Student Management System for Libon East Central School Undergraduate Capstone Thesis Project
- Engineered a secure, full-stack platform (PHP, MySQL, HTML, CSS, JavaScript) to digitize academic records and automate the generation of school forms. - Implemented strict role-based access controls and integrated Composer packages for bulk data imports and dynamic PDF, Excel, and DOCX exports. - Achieved an overall usability rating of 4.83 from 32 respondents based on an ISO 25010 evaluation.

CartCraft: Online Art E-commerce Platform with Auction-Based Transactions Full-Stack Project
- Built a custom, full-stack marketplace (PHP, MySQL, HTML/CSS/JS) facilitating seamless artwork bidding, buying, and selling. - Integrated Composer PDF for the automated generation of clean, downloadable platform data reports for users and administrators.

SKILLS

Frontend & UI: HTML5, CSS3, JavaScript, Tailwind CSS, React JS Backend: PHP, Laravel, Google OAuth, Cloudflare Turnstile, Auth.js / NextAuth.js Database & ORM: Supabase, Neon Serverless Postgres, SQL, MySQL, PostgreSQL, Drizzle ORM, Drizzle Kit Developer Tools: Git, GitHub, Vite, Composer, Figma, VS Code Deployment & Services: Vercel, Cloudinary, PDF / Excel / DOCX export AI Tools: OpenAI, Anthropic, Claude Code, Codex Soft Skills & Languages: Analytical Problem Solving, Adaptability; English, Tagalog, and Bikol
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EDUCATION

Bicol University Polangui Bachelor of Science in Information Systems	Polangui, Albay 2022-2026
Latin Honor: Cum Laude Undergraduate Capstone Thesis Title: Student Management System for Libon East Central School Best Undergraduate Capstone Thesis in BS Information Systems	

AWARDS & CERTIFICATES

Best Undergraduate Capstone Thesis – BSIS 2nd Place – 2026 Bicol University Polangui Student Research and Development Forum under AGENDA 5: Inclusive and Lifelong Learning – Development Category
