

ASNARI PACALNA

📞 +63 963 919 2343 | ✉️ asnaripacalna@gmail.com | 📍 Philippines | 🔗 [linkedin.com/in/asnari-pacalna](https://www.linkedin.com/in/asnari-pacalna)

PROFESSIONAL SUMMARY

Full Stack Developer who architects and builds complex, data-driven applications. Passionate about leveraging AI and modern backend technologies to solve real-world business and governance challenges. Proficient in the full development lifecycle, from technical design and monorepo architecture to scalable deployment.

EDUCATION

University of Mindanao Digos College

Bachelor of Science in Information Technology

Relevant Coursework: Web Development, Database Management, Software Engineering, AI & Machine Learning

TECHNICAL SKILLS

Frontend: Next.js, React, TypeScript, TailwindCSS, shadcn/ui, Zustand, TanStack Query, React Hook Form

Backend: Python (FastAPI, SQLAlchemy), Node.js, Celery, Redis

Databases: PostgreSQL, MySQL, Supabase

AI & Automation: Google Generative AI (Gemini), LLM Integration, n8n

DevOps & Tools: Docker, Git, GitHub, Azure, pytest, Vercel

FEATURED PROJECTS & ACHIEVEMENTS

SINAG — Government Compliance Assessment Platform Next.js 15, FastAPI, PostgreSQL, Gemini AI

- Full-stack assessment platform digitizing DILG's barangay governance certification for 25 barangays
- Built type-safe monorepo with auto-generated TypeScript client from OpenAPI, supporting 6-role validation workflow
- Integrated Gemini AI for automated compliance scoring and AI-generated improvement recommendations
- Features multi-stage validation workflow, document annotation system, and real-time analytics dashboard

DTP GO - QR Code-Based Attendance System Next.js 15, TypeScript, Supabase, Prisma

- QR code-based attendance tracking system serving 1,000+ BSIT and Computer Engineering students
- Eliminates registration queues with instant QR scanning and one-time student registration process
- Features real-time analytics dashboard and automated reporting with role-based access control

UMDC Community Extension Management System TypeScript, React, Node.js

- Developed enterprise web platform for University of Mindanao Digos College's community extension programs
- Built secure TypeScript-based architecture for community programs and participant data management
- Integrated real-time analytics and reporting system improving program tracking efficiency by 60%

Awards: HackForGov (5th Place), IDEAS Plugin (Best Pitch), Ideation Bootcamp (Champion)

Certifications: Google UX Design (Coursera), Introduction to Cybersecurity (Cisco Networking Academy), n8n (Coursera)