

JOHN ANDREI TACUJAN

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PROFESSIONAL SUMMARY

Full-stack developer specializing in Next.js and FastAPI with experience leading technical teams and building production web applications. Proven ability to architect end-to-end solutions from database design and RBAC to deployment and team leadership. CS senior graduating July 2026 with hands-on experience in AI/ML integration, cloud deployment, and agile methodologies.

EDUCATION

TARLAC STATE UNIVERSITY

Bachelor of Science in Computer Science

- Consistent Dean's Lister Since 2022

Tarlac City, PH

Expected Jul 2026

TECHNICAL SKILLS

Programming Languages: TypeScript, Python, PHP, Java, C#

Backend & Frameworks: FastAPI, Next.js, Laravel

AI & Machine Learning: RAG, NLP, LegalBERT, Tesseract OCR

Frontend: React, React Native, Expo, TailwindCSS, Shadcn UI, Framer Motion

Databases: MySQL, PostgreSQL, SQLite, MongoDB

Cloud & DevOps: Oracle Cloud, AWS, Docker, Git, Vercel

WORK EXPERIENCE

FREELANCE – TAKBO TARLAQUENO

Python Developer

Tarlac City, PH

Jul 2025

- Engineered a Python automation script to scrape race participant data and generate 1,000+ personalized digital certificates, reducing manual production time by 80%.

INTERNSHIP – GO BALUYOT & ADION LAW OFFICE

Software Development Intern

Tarlac City, PH

Jun 2025 - Jul 2025

- Developed a custom Python desktop application to streamline billing workflows, enabling legal secretaries to generate client receipts in minutes instead of manually editing Word templates.
- Digitized 1,000+ confidential legal documents using specialized scanning workflows, improving document retrieval speed by 40% through organized file structures.

PROJECTS

AUTOMATED LEGAL DOCUMENT CLASSIFICATION

Thesis Project – LegalBERT, NLP, System Development

Apr 2026

- Architected an Intelligent Document Processing (IDP) system utilizing LegalBERT to classify unstructured legal documents into specific case categories, achieving 99.64% classification accuracy on 500+ test documents.
- Implemented FastAPI backend for model inference and Next.js frontend with real-time classification visualization and confidence scoring.

GO BALUYOT & ADION OFFICIAL WEBSITE

Lead Web Developer

Dec 2025

- Designed and deployed a professional Next.js website for a Tarlac law firm, achieving <2 second page load times with responsive, accessible design.

PROGDEN (PROGRAMMERS' DEN) OFFICIAL WEBSITE

Lead Developer / Technical Leadership

Dec 2024

- Directed a team of 11 developers to build the official platform for TSU's premier technology organization, serving 100+ active members.
- Coordinated feature development, code reviews, and deployment using Git workflows and agile methodologies.