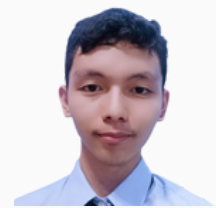


GIANNE BACAY

Full-Stack Web Developer

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PROFESSIONAL SUMMARY:

Solution-oriented full-stack web developer with over 3 years of experience in software development, including AI systems integration, research, and development. Skilled in Python, TensorFlow, Keras, Firebase Genkit, PHP, Tailwind CSS, TypeScript, Java, Node.js, and Next.js. I build scalable, high-quality applications and enhance human-computer interaction through advanced AI solutions. Strong in aligning technical implementation with business goals through innovation and collaboration.

TECHNICAL SKILLS:

Programming and Scripting Languages: Python, HTML, CSS, JavaScript, TypeScript, PHP, Java, R

Frameworks and Libraries: Laravel, React, Django, Flask, Node.js, Next.js, Tailwind CSS, Shadcn UI, NetBeans, Web3Forms.

Database Management Systems: PostgreSQL, Supabase, MySQL, NoSQL

AI Tools: ChatGPT, Claude, Gemini, Cursor, Deepseek, Qwen, Copilot, Firebase Studio AI.

AI Frameworks and Libraries: TensorFlow, Keras, OpenCV, LangChain, Hugging Face, MediaPipe, Firebase Genkit, Vertex AI, Ollama AI.

FEATURED PROJECTS:

Supportify (AI-Driven Financial Support Social Networking Platform) [🔗](#)

Capstone Project | 10 April, 2025 - Present

- Developed a web-based AI-driven social networking platform for enhancing financial support accessibility and personalization in the Philippines.

GPBacay's Portfolio (Personal Portfolio Website with AI Agent) [🔗](#)

Application Systems Development Project | 08 May, 2024 - Present

- Built a responsive portfolio site with an AI chatbot using Next.js, React, Node.js, Tailwind CSS, Shadcn UI, JavaScript, and TypeScript, with Firebase Genkit for AI integration and deployed via Vercel.

Employee Attrition Predictor (Shiny Dashboard & ML Model) [🔗](#)

Business Analytics Project | 28 April, 2025

- Developed an R Shiny dashboard with a Random Forest model to predict employee attrition with 86% accuracy using key HR metrics and custom UI components.

AMZN MTLY (Amazon Monthly Analytics Dashboard) [🔗](#)

Business Analytics Project | May 13, 2025

- Built a full-stack analytics dashboard with Next.js and Firebase Genkit to visualize Amazon sales data from Kaggle, integrating Machine Learning and AI for enhanced insights and deployed via Vercel.

CERTIFICATIONS:

Civil Service Exam - Pen & Paper Test Professional Level (CSE-PPT-Prof) | 2023

- Passed the Philippines's Civil Service Exam - Pen & Paper Test Professional Level (CSE-PPT-Prof) on first attempt, August 20, 2023

Datacamp Python Course/Training | 2022

- Completed Datacamp - Introduction to Python Course/Training

EDUCATION:

University of Southeastern Philippines | 2022 - 2026

Bachelor of Science in Information Technology - Business Technology Management

EXTRACURRICULARS:

Executive Secretary (Operations Committee) - University of Southeastern Philippines Developer Student Community (USEP - DSC) | 2024 - 2025

CHEDX 2.0 Volunteer (Registration Committee) - Commission on Higher Education (CHED), IT & Business Process Association Philippines (IBAP), and University of Southeastern Philippines (USEP) IT Education Summit 2024 held at SMX Convention Center, SM Lanang Premier, Lanang, Davao City | December 4-5, 2024