

I Nengah Danarsa Suniadevta

Denpasar, Bali | +6281266864907 | devtadanarsa@gmail.com | devtadanarsa.site

I am a Software Engineer experienced in building scalable applications and implementing AI systems. My background covers the full software development lifecycle, from developing robust backend and frontend services and managing cloud infrastructure.

I operate effectively across two primary domains. In software engineering, I build end-to-end systems using frameworks like Next.js, NestJS, and FastAPI, with a focus on reliability and clean architecture. In AI engineering, I develop production-grade capabilities including RAG pipelines and autonomous agents with..

EXPERIENCES

Mitrais

Software Engineer Intern

Denpasar, Bali

February 2025 – April 2025

Engineered website solutions with Next.js and NestJS, incorporating advanced features through the integration of AI Agents and their tool/function call capabilities.

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

Machine Learning Cohort

Remote

August 2024 – January 2025

Accepted into Bangkit Academy (11% acceptance rate), a Google-led program with support from industry experts at GoTo and Traveloka. I was selected from a pool of 45,841 applicants, placing me among the 4,636 successful candidates.

- Ranked as a top 10% graduate in the Machine Learning specialization.
 - Awarded a spot among the top 50 teams for the capstone project.
-

Digistar Class by Telkom Indonesia

Hacker - Frontend Mentee

Remote

July 2024 – October 2024

Accepted into the Digistar Class with a highly selective 4% acceptance rate (500 participants chosen from 12,176 applicants). This program, a Telkom Group initiative, offers intensive mentoring to equip future digital talents with the necessary hard and soft skills.

- Built over 3 websites utilizing React framework.
 - Partnered with UI/UX and backend teams to successfully implement solutions for the ANTARES product catalog.
-

Djitugo - Digital Marketing Agency

Web Developer Intern

Denpasar, Bali

January 2024 – May 2024

Developed business websites for clients using WordPress and Shopify, with custom front-end development using CSS, JavaScript, Liquid Template Language, and jQuery. I also optimized website performance and ensured all sites were SEO-friendly.

- Handle ± 7 diverse projects, including landing pages and web applications.
 - Successfully optimized several websites to achieve top 10 rankings in search engine results.
-

PROJECTS

Caraka: RAG Powered Chatbot for Balinese Lontar

One of my college project where I developed a full-stack application to make the ancient wisdom of Balinese Lontar manuscripts interactive and accessible. The system was made using Next.js and FastAPI. Its core is the RAG pipeline that I built using Cohere's embedding models, a FAISS vector database, and Google's Gemini model.

Memotions: AI Based Journaling Mobile Application

This is my final project for Bangkit Academy that was distinguished as one of the Top 50 Capstone Projects. I developed a deep-learning mood detection model from the ground up using TensorFlow and fine-tuned Google's Gemini model on Vertex AI to provide users with empathetic, personalized suggestions.

VOLUNTEERING

- Vice Head of Pelatihan Kreativitas Mahasiswa Teknologi Informasi (January 2024 – July 2024)
- Database Concept Practicum Assistant (March 2024 – June 2024)
- Algorithm and Programming Practicum Assistant (October 2023 – December 2023)

CERTIFICATIONS AND COURSES

- Linear Algebra for Machine Learning (DeepLearning.AI, 2024)
- Machine Learning Specialization (DeepLearning.AI, 2024)
- DeepLearning.AI TensorFlow Developer Specialization (DeepLearning.AI, 2024)
- Natural Language Processing (DeepLearning.AI, 2025)
- Agentic AI Engineering (Udemy, 2025)

EDUCATIONS

Universitas Udayana
Bachelor of Information Technology
Current GPA: 3.89

Bali, Indonesia
2022 - Present