

Resume

Nana Casmana Ade Wikarta

AI Engineer & Software Developer

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[GitHub](#) ↗

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PROFILE

I'm Nana, an AI Engineer and Informatics graduate from Universitas Singaperbangsa Karawang.

I build applied AI systems across computer vision, retrieval, and machine learning. My work focuses not only on models, but also on the engineering around them, including data pipelines, APIs, deployment, monitoring, and the systems required to make AI work in real applications.

My current interests include computer vision, retrieval systems, and production-oriented AI engineering.

SELECTED WORK

DetectCustomer

Computer Vision · Backend Systems · Production-oriented / deployed system

A real-time people counting system designed for multi-location retail environments.

RAG Assistant

Retrieval · LLM Systems · Active development

A knowledge assistant built around retrieval, conversation context, and controlled response generation.

SafeSight

Computer Vision · Safety · Research / development

A computer vision project exploring real-time worker safety monitoring from video.

EDUCATION

Universitas Singaperbangsa Karawang

Informatics

CAPABILITIES

AI & Machine Learning

Computer Vision · Retrieval-Augmented Generation · Machine Learning · Model Evaluation

Engineering

Python · TypeScript · FastAPI · SQL · Docker

Data & Infrastructure

PostgreSQL · MongoDB · Qdrant · Linux