

Nobel Shan Setiono

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SUMMARY

Full-Stack Engineer specializing in Intelligent Systems and AI-driven automation. Proven track record of building production-grade architectures, from document intelligence pipelines to vector-search property engines. Experience instructing CS fundamentals to university students. passionate about leveraging LLMs and Agentic Workflows to solve complex enterprise problems.

PROFESSIONAL EXPERIENCE

MOLADIN

Software Engineer Intern

Jakarta Selatan

MARCH 2025 – Present

- Engineered a document intelligence pipeline that parses unstructured data from PDF files and automatically populates structured Google Docs templates.
- Developed an automated report generation module that synthesizes car condition appraisal reports into concise summaries for the marketplace listing system.
- Built a property analysis engine featuring Vector Search for pricing and an AI Agent for automated environmental research and risk assessment.
- Led R&D on AI Agents, developing a Database Agent to streamline internal data retrieval and system interactions.

BINUS UNIVERSITY

Software Laboratory Assistant

Kemanggisan, Jakarta Barat

FEBRUARY 2023 – February 2025

- Instructed 7-9 classes every week each semester for both Computer Science and Information Systems majors.
- Qualified to teach more than 85% of all laboratory practicum subjects.
- Completed five mandatory Test Progressive Assistant (TPA) which consist of Game Programming, Business Analysis and Desktop Application Development, Web Design and Programming, Mobile Application Development and Networking.
- Developed an internal web scheduler with automatic email invitations for my Research Interest Group (RIG).

BINA NUSANTARA COMPUTER CLUB (BNCC)

Activist

Kemanggisan, Jakarta Barat

NOVEMBER 2022 - November 2023

- Served as a Publication and Registration Staff member for BNCC Techno Talk I.
- Completed the Project Apprentice Program, which further contributed to my growth and development in leadership and teamwork.

EDUCATION

BINUS UNIVERSITY

Bachelor of Computer Science, Current GPA: 3.76

Kemanggisan, Jakarta Barat

2022 - 2026

SKILLS

Programming Language: C/C++, C#, Python, Java, Kotlin, Javascript, TypeScript, Go, PHP

Data: SQL Server, MySQL, R, PostgreSQL

Intelligent System: Tensorflow, Keras, Scikit-Learn, Deep Learning, Machine Learning, AI Agents, ADK

Frameworks: React, Next.js, NestJS, Laravel, Flask

ACHIEVEMENTS

2nd Place Codefest Hackathon 5.0

SEPTEMBER 2024

- Designed an innovative fashion e-commerce platform that combines Web3 technology and Internet Computer Protocol (ICP) with virtual try-on technology.