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   **Kemanggisan, Jakarta Barat**
Software Engineer Intern   **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   **Kemanggisan, Jakarta Barat**
Software Laboratory Assistant   **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)   **Kemanggisan, Jakarta Barat**
Activist   **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   **Kemanggisan, Jakarta Barat**
Bachelor of Computer Science, Current GPA: 3.76   **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.