

# Nobel Shan Setiono

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## SUMMARY

Full-Stack Engineer with a strong focus on Intelligent Systems and process automation. Experienced in building end-to-end applications, implementing AI-driven workflows, and designing efficient data pipelines that transform unstructured information into actionable insights.

## 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

Soft Skills: Teamwork, problem-solving, time management, teaching, public speaking

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.