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ABOUT ME

A.I. Engineering student at Institut Teknologi Sepuluh Nopember (ITS) Surabaya, with 5.5 years of experience in Software Engineering and 2 years of experience in teaching. I am actively involved in A.I/ML research and software development projects, specializing in backend development and system architecture. Beyond academics, I am passionate about education, mentoring high school students in Olympiad-level Informatics and preparing them for university entrance exams in Mathematics and Logic. With a strong ability to adapt quickly and excel in learning, I thrive in mastering multiple fields simultaneously, making me highly versatile in both technical and educational domains.

EDUCATIONAL BACKGROUND

Sepuluh Nopember Institute of Technology

Bachelor of Computer in Artificial Intelligence Engineering

State High School 58 Jakarta

Mathematics and Natural Sciences Department

Surabaya, East Java

July 2023 – Present

East Jakarta, DKI Jakarta

July 2020 – March 2023

ORGANIZATIONAL EXPERIENCE

Class Representative Council of SMAN 58 Jakarta

Division 4 – Head of the Leading Work Program

MPK Student Council website at SMAN 58 Jakarta

Digital Literacy at SMAN 58 Jakarta

Chair and Instructor

October 2022 – March 2023

August 2021 – March 2023

PERFORMANCE

3rd Place (Individual) in the Indonesian Computer Science Competition (ISC)

Nationally at SMA/MA/SMK level

Organized by Osains.ID Bimbel Akademi

October 24, 2021

3rd Place (Individual) in Computers at the Independent Science Olympiad (OSM)

Nationally, SMA/MA/SMK equivalent level. Organized by Osains.ID

Bimbel Akademi and PEMA University of North Sumatra (USU)

17 – 20 October 2021

1st Place (Individual) DKI Jakarta Province in Computers at the National Student Science Olympiad (OSSN)

Nationally, the SMA/MA/SMK level is organized by Garuda Sains Indonesia (GSI)

October 31, 2021

1st Place (Individual) Brainindicator Science Competition

National Scale

Organized by CV Brainindicator Indonesia.

July 18, 2021

Gold Medal (Individual) Mathematics Olympiad Open Contest (KTOM)

Nationally January 2020: 2020 District Science Competition Simulation

January 2020

Gold Medal (Individual) Computer subject National Science Olympiad Global Youth Action

National SMA/SMK/MA equivalent level

September 12, 2021

School representatives (Individuals) at the National Science Olympiad (OSN) in the field of SMA/MA Informatics

Regency/City level selection in 2021

June 2021

School representatives (Individuals) at the National Science Olympiad (OSN) in the field of SMA/MA Informatics

Regency/City level selection in 2022

May 2021

WORK EXPERIENCE

Informatics Trainer SMA Negeri 5 Surabaya <ul style="list-style-type: none">Pelatihan Persiapan OSN Tingkat Kabupaten / Kota 2025	May 2025 – Present
Backend & DevOps Engineer Qobiltu.id <ul style="list-style-type: none">Creating full-system REST-API, design pattern, and deployment workflow using Golang-Gin-Gorm	February 2025 – Present
Fullstack Developer Aortastan.com <ul style="list-style-type: none">Developing Online Learning & Examination Platform, developing Admin Panel & User Dashboard using Next JS for Front End, and Laravel for Backend	February 2025 – Present
Vice Director Schematics – National Programming Contest (NPC) 2025 <ul style="list-style-type: none">Leading the National Programming Contest 2025, organizing competitive programming competitions at the national level.	January 2025 – Present
Assistant Lecturer Institut Teknologi Sepuluh Nopember (ITS) <ul style="list-style-type: none">EA234203 Data Structure (Python) - Assistant LecturerEF234201 Data Structure (C/C++) - Assistant LecturerEA234205 Graph Theory - Assistant LecturerEA234102 Fundamental Programming (Python) - Assistant LecturerEA234103 Discreate Math - Assistant Lecturer	August 2024 – Present
Informatics Trainer Lembaga Olimpiade Pendidikan Indonesia (LOPI) <ul style="list-style-type: none">Sekolah Olimpiade LOPI 2025Training of Trainer (ToT) Pelatihan Guru Pembina OSN 2025Pelatihan OSN Tingkat Nasional 2024Pelatihan OSN Tingkat Provinsi 2024	January 2024 – Present
Software Engineer (Solo) Pemilihan Raya Ikatan Mahasiswa Fakultas Farmasi Universitas Indonesia <ul style="list-style-type: none">Creating E Voting full-stack monolithic system with Laravel PHPAll works done by my-self only	October 2024 – January 2025
Project Manager of Website Development Division Lembaga Olimpiade Pendidikan Indonesia (LOPI) <ul style="list-style-type: none">Sekolah Olimpiade LOPI 2025Training of Trainer (ToT) Pelatihan Guru Pembina OSN 2025Pelatihan OSN Tingkat Nasional 2024Pelatihan OSN Tingkat Provinsi 2024	August 2024 – January 2025
Backend Developer Ini Lho ITS 2024 <ul style="list-style-type: none">Building and manage a Rest API's End-Point Interactions	October – December 2023
Mathematics & Logical Reasoning Teacher Mathan Group <ul style="list-style-type: none">Teaching mathematical reasoning, calculus, and critical thinking for college entrance exam (SNBT/UTBK) preparation.	August 2023 -- Present
Informatics Problemsetter Alpha Academy <ul style="list-style-type: none">Designed competitive programming problems and provided tutorials for TRY OUT 5 & 6 PERSIAPAN OSNK/OSNP by Alpha Academy.	March – May 2024
Backend Developer ITS MabaCup 2023 <ul style="list-style-type: none">Building and manage a Rest API's End-Point Interactions	August – December 2023
Website Developer – Part Time EvaluatorKSN <ul style="list-style-type: none">Created an online computer-based exam application website which has been used by more than 7000 usersCreated an event registration website which has been used by more than 2700 users, websites and institutional administration system, also server and cloud management	April 2021 – Present
Scientific Comitte (Problemsetter) Schematics – National Programming Contest 2024 <ul style="list-style-type: none">Designed competitive programming problems and provided editorials	March – November 2024

Chief Technology Officer & Founder

June 2019 – Present

Yayasan Pelatihan Sains Pelajar Indonesia

- Created an online computer-based exam application website with proctoring features that has been used by more than 11,000 users
- Created an event registration website that has been used by more than 3000 users
- Creating institutional websites, administration systems and event implementation management
- Create an information system for managing certificates and electronic signatures
- Created more than 10 event landing pages, create a financial management information system, server and cloud management

Website Developer – Part Time

January 2019 – Present

PT Antares Dwima Pratama (Marine and Cargo Surveying)

- Create a company website
- Create an information system for managing letters and electronic signatures

SKILLS

Programming | AI / Bot Prompting | Competitive Programming | Machine Learning | Computer Vision | A.I | Data Science | Data Mining | Programming Languages: PHP, C++, Javascript, MYSQL, Python, Go-lang, and Pascal | Framework : Node JS, React JS, CodeIgniter, Laravel, JQuery, Next JS, Express JS, Gin, Pytorch, TensorfFlow, Keras, Scikit Learn |