

MUHAMMAD NIZWA

+62 851 7515 1211 | nizbacking@gmail.com | <https://www.linkedin.com/in/muhammad-nizwa> | <https://github.com/MMADUs>

Tangerang Selatan

As an undergraduate Computer Science student at Bina Nusantara University and a Software Developer with 3+ years of experience, I specialize in Backend Development and Intelligent Systems. I have a proven ability to design, build, and optimize complex systems, improving overall technical architecture and performance. Beyond technical expertise, I am recognized for strong problem-solving skills, effective teamwork, and the ability to lead technical discussions and guide teams toward delivering scalable and efficient solutions. I am also passionate about Research and Development (R&D), continuously exploring innovative approaches and emerging technologies to enhance system capabilities.

Work Experiences

AP Buildings - Senayan, Kota Jakarta Selatan

Jun 2024 - Present

Fullstack Developer

- Designed the overall system architecture, including technology stack selection and database design.
- Migrated the Building Management System database from MongoDB to PostgreSQL, improving data consistency, reliability, and cost reduction.
- Developed the core API for the Building Management System using NodeJS.
- Developed the user interface for the Building Management System using ReactJS and integrated it with backend APIs.
- Maintained the Virtual Private Server (VPS) and database server for the Building Management System.
- Developed a module and integrated it into the core system to support advanced data distribution and analytics.

PT PLN Persero - Puspitek Serpong, Tangerang Selatan

Aug 2023 - Oct 2023

Internship

- Developed a responsive user interface for company profile landing pages using native Javascript and Tailwind CSS, implementing UI/UX team designs and ensuring cross-device compatibility.
- Developed the user interface using native Javascript for the Office Visitor Management System and integrated it with core APIs.
- Contributed to improving system flow during the MVP phase, ensuring optimal design and implementation approaches.

Education

Universitas Bina Nusantara - Alam Sutera, Kota Tangerang

Sep 2024 - Aug 2028 (Expected)

Bachelor of Computer Science

SMK Bina Informatika - Sawah Baru, Kota Tangerang Selatan

Aug 2021 - Aug 2024

Vocational High School Software Engineering

Organization

HIMTI - Komisi Satu - BINUS Alam Sutera

Apr 2025 - Present

Responsi - Rangkuman

- Contributed to summarizing lectures as study material for midterm and final exams.

HIMTI - SESVENT 2025 - BINUS Kemanggisan

Oct 2025

Technical & Liaison Officer (LO)

- Managed online events by operating and monitoring Zoom meetings, ensuring smooth technical execution and seamless event flow across webinars and seminars.
- Served as a Liaison Officer (LO) for onsite events, coordinating with presenters and ensuring all stage activities and event transitions ran smoothly.
- Served as a temporary mentor partner during onsite events, guiding prospective members of the HIMTI organization and fostering an engaging, well-organized environment.
- Supported the setup and coordination of technical equipment during onsite events, ensuring optimal performance and reliability of audiovisual systems.

Competition, Certifications, and Skills

- Competition** (2025): Finalist National AI Hackaton Elevelte Indonesia by Microsoft - Bina Nusantara University
- Certifications** (2025): Qiskit Global Summer School 2025 Quantum Excellence - IBM Quantum
- Field of expertise:** Backend Development, Distributed System, Artificial Intelligence, Quantum Computing
- Programming Languages:** Javascript, Typescript, Java, Python, Go, Rust, C