ALIF NAYWA AZZIKRA

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PROFILE

I am an Information Technology student at Universitas Negeri Yogyakarta who is passionate about Mobile Development, Front-end Development, and Artificial Intelligence particularly in Machine Learning. I have hands-on experience in developing Android and web-based applications, as well as implementing machine learning models using Python. My academic and project experiences have strengthened my skills in programming, data analysis, and problem-solving. I am eager to keep learning and contribute to technology-driven projects that create real-world impact.

EDUCATION

Bachelor's Degree in Information Technology, Universitas Negeri Yogyakarta   *Aug 2022 – Present*
- Current GPA: 3.86/4.00
- Relevant Coursework: *Web Development, Mobile Application Development, Artificial Intelligence, Machine Learning, Data Structures and Algorithms, Database Systems, Software Engineering, and Project Management.*

EXPERIENCES

Rohis Ash-Shaff   *Jul 2019 – Jun 2022*
SMAN 6 Yogyakarta | Member
- Member of the Human Resources Division, Rohis Ash-Shaff, SMAN 6 Yogyakarta.

INFINITE UNY   *Aug 2022 – Present*
Universitas Negeri Yogyakarta | Member
- Member of the INFINITE organization, which is an IT division organization in Yogyakarta State University.

Google Developer Student Club (GDSC)   *Aug 2022 – Present*
Universitas Negeri Yogyakarta | Member
- Member of the Google Developer Student Clubs (GDSC) UNY, a student organization supported by Google that focuses on technology learning and community development at Universitas Negeri Yogyakarta.

IBM Academy Infinite Learning – Advanced AI | MSIB Batch 7   *Sep 2024 – Dec 2024*
- Participated in the Advanced Artificial Intelligence course focused on machine learning and AI implementation at Infinite Learning.

PROJECT

LaporNdan – Mobile Development | Semester 3   *Sept 2023 – Dec 2023*
- Make a mobile application that can be used for reporting accidents and crimes using Kotlin language.
- The application was built in teamwork.

SmartCorn – AI-Web Based Corn Disease Detection System | Infinite Learning   *Oct 2024 – Dec 2024*
- Developed a CNN model to detect corn leaf diseases from image data with high accuracy.
- Conducted data preprocessing, augmentation, and evaluation for model optimization.
- Collaborated with Web and Mobile divisions to integrate the AI model into the application ecosystem.
- Contributed as MLOps Engineer, handling deployment and performance scalability in a cloud environment.

Digi Skill– Mobile Development | Semester 5   *Nov 2024 – Dec 2025*
- Developed an Android-based educational application to enhance users' digital literacy.
- Implemented Firebase Authentication and Firestore for real-time data storage.
- Integrated external APIs to provide dynamic educational content and user progress tracking.

MindGarden – Mobile and AI Development | Semester 6   *May 2025 – Aug 2025*
- Built an AI-driven journaling application that visualizes user emotions and promotes mental well-being.
- Served as AI Backend & DevOps Engineer, developing and deploying backend infrastructure with API services and cloud integration.

HONORS & AWARDS

2nd Honorable Mention (Team) – UNITY 13 Software Development Competition (UNY) *Jun 2025*
- Developed MindGarden, an AI-driven journaling mobile application that visualizes user emotions and promotes mental well-being.
- Contributed as a Front-End, AI Backend, and DevOps Engineer, responsible for backend architecture, API integration, and cloud deployment.

2nd Place Winner (Team) – PEKAN IT UNSIKA Software Development Competition *Aug 2025*
- Showcased MindGarden, a mobile-based journaling app integrating Artificial Intelligence for emotion recognition and mood tracking.

SKILLS

Language: Indonesia (Native proficiency), English (Limited proficiency)
Software: Visual Studio Code, Android Studio, Coreldraw, Capcut, Canva, Microsoft Word, Microsoft Powerpoint, Microsoft Excel.
Analytical & Professional Skills – *obtained through IBM SkillsBuild*:

- Problem Solving.
- Critical Thinking.
- Creative Thinking.
- Business Acumen.
- Agile Methodologies.
- Team Collaboration.
- Presentation Delivery.
- Professionalism.

Technical Skills:
- **Programming Languages:** Java, Python, Kotlin.
- **Web Development:** HTML, CSS, JavaScript, PHP, React.
- **Mobile Development:** Android (Java, Kotlin), Flutter.
- **Frameworks:** Tailwind CSS, Bootstrap.
- **Database:** MySQL.
- **Artificial Intelligence & Data Science:** Machine Learning, Deep Learning, Data Visualization.