Rayhan Safar Putra Dwiliano

Software Developer

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📍 Bogor, Jawa Barat

SUMMARY

Junior in the Informatics Engineering department at Politeknik Negeri Jakarta with a strong passion for software development. My expertise spans web and Android applications, with a foundational understanding of desktop application development through VB.NET, and a keen interest in artificial intelligence. Recently, I earned Distinction in Bangkit 2024, specializing in Mobile Development, where I honed my skills in Android development, cloud-based ML integration, geolocation, and Firebase. I take great joy in designing intuitive user interfaces and continuously refine my UI/UX design skills to enhance user experiences. Committed to integrating the latest technologies, I ensure that my projects are scalable, high-performing, and code-efficient while driving innovation through AI-powered solutions.

EXPERIENCE

Mobile Development Cohort   09/2024 - 01/2025
Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

- Earned Distinction in Mobile Development, mastering Android development, cloud-based ML integration, geolocation, advanced testing, and Firebase.
- Achieved 'Top 50 Project' with Berongsok, a computer vision-based automated waste management application for landfills, addressing environmental health issues.
- Integrated AI models into the app and ensured a seamless user experience.
- Engaged in industry-led sessions, mentoring, and problem-solving challenges to refine both technical and professional skills.

Mentor Software Developer   01/2024 - 02/2025
Computer Student Club ↗

- Guided freshmen in learning software development using Next.js. I provided hands-on training and support, helping them build a solid foundation in modern web development.

Junior Software Developer (Internship)   01/2021 - 07/2021
PT. Indotechsa ↗

- Developed and implemented a comprehensive HRD application to manage employee records.
- Created and launched Whatsjob, an innovative job matching & searching application.
- Designed and integrated an automated email system using Python, reducing manual email tasks by 60% and improving communication efficiency by 35%.

EDUCATION

Informatics Engineering   2022 - Present
Politeknik Negeri Jakarta - Applied Bachelor's degree

- Achieved a bronze medal in the Business Plan Technology category at the National Education Competition, organized by EduHub and Universitas Islam Negeri Syarif Hidayatullah Jakarta on May 12, 2024, highlighting my ability to develop innovative business plans and technology-driven solutions.
- Successfully developed a comprehensive Student Management System and New Student Registration System for PAUDQU Assabiqunal Awwalun using PHP Native, demonstrating proficiency in web development and system management as part of the final project for the Advanced Web Programming course.
- Created a dynamic and interactive website for promoting Kerak Telor using React JS, showcasing my front-end

development skills in the final project for the Basic Web Programming course.
- Successfully created a cashier application using VB.NET for the Visual Programming course's final project, demonstrating practical skills in desktop application development with functionalities like exporting bills, managing product inventory (add/subtract stock), and basic stock management.
- Awarded 'Favorite Project' at TIKEXPO for VegeNation, an AI-powered smart dashboard designed to predict vegetable commodity prices, as the culmination of the Project Based Learning initiative in the 6th semester.
- Maintained a GPA of 3.85, demonstrating consistent academic excellence throughout my studies.

Multimedia   2019 - 2022
SMK NEGERI 1 BOJONGGEDE - Vocational High School

- Developed the conceptual business for Loov Mouse, including creating an advertisement video, package design, and promotional poster, demonstrating my ability to integrate marketing and design skills into business planning.

CERTIFICATES

Program Pelatihan Programming (Full Stack) Fase 1 ↗   01/2024 - Present
Jabar Digital Academy

Menjadi Android Developer Expert ↗   11/2025 - 11/2028
Dicoding Indonesia

Belajar Membuat Aplikasi Android dengan Jetpack Compose ↗   03/2025 - 03/2028
Dicoding Indonesia

Belajar Penerapan Machine Learning untuk Android ↗   12/2024 - 12/2027
Dicoding Indonesia

Belajar Pengembangan Aplikasi Android Intermediate ↗   12/2024 - 12/2027
Dicoding Indonesia

Belajar Fundamental Aplikasi Android ↗   10/2024 - 10/2027
Dicoding Indonesia

Belajar Membuat Aplikasi Android untuk Pemula ↗   09/2024 - 09/2027
Dicoding Indonesia

Algorithm & Data Structures with Python ↗   03/2024 - 03/2026
Skilvul

Python Lanjutan ↗   03/2024 - 03/2026
Skilvul

SKILLS

Kotlin	Advanced	Flutter	Intermediate
PHP	Intermediate	Git	Intermediate
Python	Intermediate	SQL	Intermediate
VB.NET	Intermediate	UI/UX Design	Basic

LANGUAGES

Indonesian	Native	English	Intermediate