

ADRIAN SAPUTRA KABAN

SOFTWARE DEVELOPER | WEB • MOBILE • AI • BLOCKCHAIN • IOT

Depok, Indonesia | 085955368831 | [LinkedIn](#) | [GitHub](#)

SUMMARY

Software developer with strong interest in building innovative technology solutions across multiple domains including web development, mobile applications, blockchain systems, reinforcement learning, game development, and IoT. Experienced in developing real-world projects using modern frameworks and tools while continuously improving through hands-on experimentation and technical exploration.

EXPERIENCE

Automotive Technician Intern / Honda Workshop Internship (PKL) 2022

- Completed a vocational internship at a Honda automotive workshop.
- Assisted technicians in vehicle maintenance and basic mechanical diagnostics.
- Gained practical experience in technical troubleshooting and hands-on mechanical systems.

Member – Student Empowerment Division / Informatics Student Association – Universitas Nasional 2024 - 2025

- Contributed to organizing student development activities and academic programs within the Informatics department.
- Collaborated with team members to support initiatives that improved student engagement and learning opportunities.
- Participated in planning and executing student-focused events and programs.

Head of Student Empowerment Division / Informatics Student Association – University 2025 - 2026

- Led the Student Empowerment Division responsible for organizing programs aimed at developing students' academic and professional skills.
- Coordinated team members and managed planning for student development activities and workshops.
- Strengthened leadership, communication, and project coordination skills within an academic organization.

Cakra Abhipraya Responsif (NGO) 2024 - Present

- Served as a volunteer documentation team member for various events organized by the NGO.
- Responsible for capturing event activities through photography and media documentation.
- Assisted in organizing event archives and supporting the promotion of NGO programs through visual documentation.
- Collaborated with event organizers and volunteers to ensure proper coverage of community programs.

GenRe Ambassador (Duta GenRe) – Sukmajaya District 2025 - 2026

- Selected as a youth ambassador representing the GenRe program for Sukmajaya District.
- Participated in community outreach and youth education initiatives.
- Developed public speaking, communication, and leadership skills through social programs.

PROJECTS

- Decentralized Game Asset Registry (Blockchain dApp)** **2026**
- Developed a decentralized application for managing in-game digital assets using the ERC-1155 token standard.
 - Implemented Solidity smart contracts for asset ownership and token management.
 - Built backend services for metadata storage and asset management.
 - Integrated Web3.js frontend with MetaMask wallet interaction.
- Nas Coffee – Android Coffee Ordering App** **2025**
- Android application simulating a customizable coffee ordering system.
- Implemented secure authentication using SHA-256 password hashing.
 - Applied MVVM architecture with Room Database.
 - Designed responsive UI using Material Components.
- The Revenant's Oath – 2D Platformer Game** **2026**
- Built a 2D action platformer game using Unity and C#.
 - Implemented combat system, enemy AI, player movement, and UI.
- IoT Smart Trash Can Prototype** **2023**
- Developed an automated trash can system using Arduino, ultrasonic sensor, and servo motor.
 - Implemented object detection to automatically open the lid.

CERTIFICATIONS AND ACHIEVEMENTS

- 1st Place – Chatbot Development Workshop Competition** **Jan 2025**
- Won a chatbot development competition by building a conversational automation system.
 - Applied chatbot design concepts including conversation flow, automated responses, and user interaction logic.
- 2nd Place – AAFI Football Tournament (U-16 Category)** **Aug 2021 - Des 2021**
- Bogor Regency
- Achieved second place in the regional AAFI futsal competition.
 - Demonstrated teamwork, discipline, and competitive performance in a regional sports tournament.
- Digital Talent Scholarship (KOMDIGI) – Microcredential Startup Foundation** **2024**
- Cloud & Artificial Intelligence Applications for Digital Business
In collaboration with Google Indonesia
- Completed cloud and AI fundamentals for digital applications
 - Achieved 93.3 (Excellent) final score
 - Earned 31 Google Career Launchpad badges

SKILLS

Programming	Backend	Blockchain
Frontend	AI ML	Tools, Design, Videographer

EDUCATION

- Universitas Nasional **2023 - Present**
Bachelor's Degree in Informatics / Information Technology
- SMK Negeri 1 Depok **2020 - 2023**
Vocational High School – Light Vehicle Engineering

ADDITIONAL INFORMATION

- **Languages:** Indonesian (Native), English (Professional Working Proficiency).