

RAFAIZ GHAZIAN LUSAID

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Subang Jaya, Selangor, Malaysia

Motivated college student with a passion for technology and hands-on experience in software development and IoT projects. Skilled in delivering quality results through innovation, collaboration, and adaptability, I am eager to learn and grow professionally within a supportive team.

Education

Asia e University (AeU) - Subang Jaya, Malaysia Sep 2021 - Oct 2025 (Expected)
Bachelor Degree in Information and Communication Technology, 3.72/4.00

CEP-CCIT University of Indonesia - Depok, Indonesia Aug 2021 - Nov 2023
Associate Degree in Internet System Automaton, 3.65/4.00

Technical Skills

- **Programming Languages:** HTML, PHP, JavaScript, Java, Python, C++
- **Soft Skills:** Leadership, Communication, Problem Solving, Teamwork, Adaptability

Experiences

Fixed Wing - University of Indonesia Robotic Team - Depok, Indonesia Jan 2023 - Jan 2024
Managerial

- Develop comprehensive competition strategies and plans, organize schedules, resources and team tasks to achieve set targets.
- Supervise and evaluate the performance of team members, provide constructive feedback, and take corrective action where necessary to ensure goal achievement.
- Establish effective communication with team members, related parties and other stakeholders, and collaborate on projects and strategic decisions to achieve team success.

PT. BIONIC TEKNOLOGI INDONESIA - Jakarta, Indonesia Jun 2023 - Dec 2023
Software Developer

- Developed software that connects applications with computer vision using Python, Java, Vue.js, Websocket, and WebRTC.
- Developed models and training data for object detection and object tracking using Python and Java.

Projects

Monsteria

- Developed "Monsteria," a pixel-based game with mission challenges, interactive gameplay, and engaging visuals, oversaw interface design, and functionality testing, using Java to deliver a seamless user experience.

Mechayaki Service – Smart Dining System

- Developed a web-based smart dining system integrating real-time ordering, reservation management, and kitchen communication, enhancing customer experience and operational efficiency through automated workflows and interactive UI/UX design.

Communicat

- Developed "CommuniChat," a real-time chat application, featuring secure account creation, login functionality, and seamless database updates; oversaw UI/UX design and system testing to ensure a user-friendly interface and robust performance across devices using Kotlin and Firebase.

Automatic Fire Extinguisher

- Developed an IoT-based Automatic Fire Extinguisher system utilizing NodeMCU ESP8266 and Firebase for real-time fire detection and suppression, integrating smart sensors, actuators, and data processing for enhanced safety.

E-Store Webstore

- Developed the "Book Store Online E-Store" an e-commerce platform for streamlined book purchasing, implemented core functionalities like product management, user authentication, and a shopping cart while overseeing front-end development and system testing for a responsive user interface across devices using PHP and MySQL.

Certification

Certificate of Competence as Programmer - Badan Nasional Sertifikasi Profesi (BNSP)	Nov 2023 - Nov 2026
NIIT Certificate of Professional Program - NIIT Pune	Feb 2024
CEP-CCIT University of Indonesia certificate - CEP CCIT University of Indonesia	Nov 2023
IoT Big Data & Analytics - Cisco Networking Academy	Jan 2023
IoT Connecting Things - Cisco Networking Academy	Jan 2023
IoT Security - Cisco Networking Academy	Jan 2023

Additional Experience

Koalisi Muda Kependudukan - Jakarta, Indonesia <i>Humas Informasi dan Komunikasi</i>	Jan 2020 - Present
<ul style="list-style-type: none">Supervised information from the organization to the mediaSupport the maintenance and management of the website database, including managing and updating content, optimizing performance, and performing data monitoring and recovery where necessary.Write a variety of communication materials, including press releases, speeches, presentations, and promotional materials, in a clear, persuasive, and on-brand style.	
Asia e University 13th Convocation - Kuala Lumpur, Malaysia <i>Creative and Documentary</i>	Oct 2024
<ul style="list-style-type: none">Planned and developed content strategies, ensuring alignment with project goals and audience preferences.Managed talent acquisition and coordination, ensuring smooth collaboration and high-quality output.Edited and published content on social media platforms, optimizing engagement through strategic scheduling and compelling visuals.	
Social Responsibility Project: Turtle Conservation – Pangkor Island, Malaysia <i>Project Leader</i>	Sep 2024 - Oct 2024
<ul style="list-style-type: none">Led a class-wide initiative organizing mosque cleaning at Al-Khairiah Mosque and turtle conservation efforts at Kampung Penyau, including beach cleanups and habitat restoration.Managed project planning, logistics, and team coordination, ensuring efficient execution and collaboration with local organizations.Conducted educational outreach to promote hygiene, sustainability, and environmental awareness in the community.	
Google Developer Student Club University of Indonesia - Depok, Indonesia <i>Member</i>	Oct 2021 - May 2024
<ul style="list-style-type: none">Actively participated as a member of the Universitas Indonesia chapter of Developer Student Club (DSC) supported by Google Developers.Engaged in a community of young and aspiring developers from diverse faculties, united by a passion for technology.Played a role in advancing the mission of democratizing technology and empowering students with practical technical skills.	
Satu Pena DKI Jakarta - Jakarta, Indonesia <i>Event Organizer</i>	Mar 2023
<ul style="list-style-type: none">Collaborated closely with clients to understand their event objectives, budgetary constraints, and vision, translating them into cohesive event plans and experiences.Conducted thorough market research to identify and secure suitable vendors, negotiating contracts to optimize cost savings and quality of services.Conceptualized, planned, and executed a wide range of events, including conferences, product launches, for clients.	

Language

- Indonesian** (Native or Bilingual Proficiency), **English** (Professional Proficiency), **Malay** (Limited Professional Proficiency)