

Rifaldi Faturrochman

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SUMMARY

An active 3rd-year student at Politeknik Indoroma majoring in Software Engineering, he is focused on systems analysis, software development, machine learning, and project management. He has experience as a System Analyst and Developer in various software projects. This background makes him detail-oriented with a solid understanding of software development life cycles and strong technical programming skills. And with that background, he's focusing his path to find higher opportunities in tech areas through an entry-level internship program.

EDUCATION

Politeknik Enjinering Indorama

Purwakarta, West Java

Software Engineering Technology Major

2022 - 2025 (Expected)

- **GPA :** 3.86 / 4.0
- **Relevant Coursework :** Software Analysis & Design, Object Oriented Programming, Software Project Management, Web Programming, Android Programming, and Data Mining.
- **Projects :** SRS for BingoCode (web-based programming learning platform), SIMBARA (web-based platform for the management of lending goods and rooms), E-Problem PEI (Android App), and SiPe-YPK (desktop-based solution for efficient SPP payment management).

Universitas Pasundan

Bandung, West Java

Informatics Engineering Major

2021 - 2022

- **GPA :** 3.95 / 4.0
- **Relevant Coursework :** Computational Thinking, Web Development, Probability and Statistics
- **Projects :** Simple E-Commerce (Web)

EXPERIENCE

Bangkit Academy led by Google, Goto & Traveloka

Indonesia (Online)

Machine Learning Cohort

Feb 2024 – July 2024

- Led a team as the project lead for the capstone project, overseeing the development of a food classification model that achieved 98% accuracy for the given dataset.
- Completed a comprehensive machine learning curriculum from basic to advanced using TensorFlow.
- Collaborated with team members to create a project focused on food detection for preventing stunting during pregnancy.
- Organized and led the project planning, resulting in a timeline that was 15% faster than initially projected.

Compunova

Purwakarta, West Java

Project Lead and Backend Developer

Mar 2023 – Present

- Lead a team of 4 members in project development, creating timelines and principles to ensure projects are delivered on time and meet user requirements.
- Conducted user interviews to gather requirements, ensuring a clear understanding of project needs.
- Determine budgeting for projects, managing to complete around 7 application projects within the assigned budget.
- Design systems using UML standards for MVC application models, along with SRS following IEEE standards, and develop ERD designs for databases to ensure compatibility and efficiency.

- Developed backend functions for a web application, primarily using Laravel framework.

ORGANIZATIONAL EXPERIENCE

Software Engineering Student Association

Purwakarta, West Java

Staff of Research and Development

Dec 2023 – Present

- Designed and collaborated to create 3 flagship programs focusing on community research and development within the internal environment (Study Program).
- Initiated and designed a community program called ByteBreaks as a platform for sharing and asking questions among members on the Discord platform.
- Coordinated with 3 departments to create synergistic and integrated programs.
- Prepared and conducted community service by organizing an MS Excel workshop in collaboration with the study program.

English & Techno Camp PEI

Purwakarta, West Java

Field Coordinator

Aug 2023

- Composed the layout for events at PT. Indo-Rama Synthetics Tbk.
- Organized and guided 200 participants on-site to the event venue.

Journalist Student Activity Unit

Purwakarta, West Java

Staff of Human Resources and Development

July 2023 – Present

- Collaborated and developed a program in order to develop journalism knowledge for the general public
- Enhanced members' expertise in journalistic aspects.

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Python, Machine Learning (Tensorflow), UML, MySQL, Object Oriented Programming, PHP, Laravel, Java, Android Programming (Kotlin), Microsoft Office, Google Workspace.

Soft Skills : Problem Solving, Critical Thinking, Analytical Thinking, Leadership, Communication, Team Collaboration, Adaptability.

Languages: Bahasa Indonesia (Native/Mother Tongue), English (Intermediate)