

Sulthan Dhafir Rafief

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Jakarta, Indonesia

PROFILE

Information Technology student at President University with strong interests in Software Development and Artificial Intelligence. Experienced in building modern web applications using technologies like React and TypeScript, and developing AI powered solutions through hands on projects. Strong problem solving skills supported by practical development experience and proven leadership at President University.

EDUCATION

President University | Bachelor of Information Technology Cikarang, Indonesia | **2023 – Present**
Expected Graduation: 2026 | Current Semester: 7

- Cumulative **GPA: 3.90/4.00**
- Jababeka Scholarship (2nd Rank)

WORK EXPERIENCE

PT Nose Herbalindo | Full-stack Developer Intern Indonesia | Sep 2025 – Dec 2025
Work From Office

- Developed IFC News, an AI powered financial news platform, using React TypeScript and Tailwind CSS.
- Implemented Python based automation and AI integration for content processing.
- Built end to end features, improved performance, and ensured responsive UI/UX across devices.
- Collaborated with internal teams to refine requirements and deliver production ready features.

PROJECTS EXPERIENCE

IFC NEWS [Link](#)
Company Project – PT Nose Herbalindo, Indonesia

- Developed an AI powered financial news platform using React TS and Tailwind.
- Integrated Python based automation to deliver real time market insights.

Plastic Bottle Defect Detection [Link](#)
Client Project – Solos, Qatar

- Developed a plastic bottle defect detection system using YOLOv5 on real world industrial data.
- Applied image preprocessing and advanced augmentation techniques using Albumentations.
- Achieved high detection accuracy and real time performance for automated production use.

Vehicle Classification [Link](#)
Course Project

- Developed an image classification model to recognize different vehicle types using CNN.
- Processed and augmented the dataset, trained the model with TensorFlow, and evaluated performance using accuracy and confusion matrix.
- Deployed the model to Hugging Face Spaces using Gradio for real time user interaction.

Sign to Speech AI
Personal Project

- Developed a real-time sign detection system using YOLOv11n and OpenCV, with voice output generated using gTTS.
- Deployed locally with a Python GUI as a prototype for testing and validation.

ORGANIZATION EXPERIENCE

Minister of Student Activity – President University Student Board (BEM Universitas) October 2024 - Present

- Supervised 7 student events by managing schedules, monitoring execution, and ensuring timely reporting.

Project Manager – Student Awarding Night 2024 November 2024

- Led a campus-scale event of 200+ people, managing timeline alignment, team coordination, and final decision-making to ensure successful execution.

Vice Project Manager – Grant of Hopes 2024 April 2024

- Assisted in leading event planning, division coordination, and external negotiations, contributing to successful fundraising beyond target and smooth team execution.

SKILLS

- **Hard Skills:** Coldfusion, SQL, Python, React, TypeScript, JavaScript, HTML, CSS, Tailwind CSS, Java, API Integration, Data Preprocessing, Model Evaluation, Deep Learning, Computer Vision
- **Tools:** VS Code, GitLab, GitHub, Figma, Postman, MongoDB, Railway, Cloudflare, Google Colab
- **Soft Skills:** Attention to Detail, Problem Solving, Teamwork, Time Management, Leadership
- **Languages:** Indonesian, English