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**
- Cumulative **GPA:** 3.90/4.00
  Relevant Coursework: Data Structures and Algorithms, Machine Learning, Deep Learning, Database Systems, Computer Vision, Artificial Intelligence, Software Engineering, Web Programming, Statistics for Data Science

WORK EXPERIENCE

Netiquette Software | Junior Programmer Intern   Singapore | August 2025 – Present
Work From Home
- Maintained and fixed bugs in the company's inventory management system using SQL and ColdFusion.
- Improved system stability and data accuracy by troubleshooting database and logic issues.
- Collaborated with the support team, who communicated user reported issues, to analyze and resolve problems.
- Enhanced existing system functionality by updating modules and implementing minor feature improvements.

PT Nose Herbalindo | Full-stack Developer Intern   Indonesia | September 2025 – Present
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.

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