

RAIS ILHAM NUSTARA

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ABOUT ME

Fresh graduate in Information Systems from Universitas Airlangga, proficient in web development, Android application development, and machine learning. Passionate about leveraging technology to solve real-world challenges, with a strong commitment to continuous learning and implementing innovative solutions.

WORK EXPERIENCE

IT Developer

Surabaya, Indonesia

PT. Hidata Teknologi Digital

Jan 2023 – Present

- Spearheaded the development of an advanced eCommerce platform using the Inertia.js and Laravel tech stack, with Vue.js for the frontend, enhancing the platform's responsiveness and user experience.
- Successfully deployed the eCommerce platform to a VPS, configuring Nginx for optimal performance and securing a custom domain, resulting in the launch of *tokoua.unair.ac.id*.
- Led the creation of a dynamic company profile website utilizing the React.js framework, which was seamlessly deployed to a live environment at *hidata.id*, effectively showcasing the company's brand and services.

IT Developer Intern

Jakarta, Indonesia

PT United Tractors Tbk

Aug 2023 – Dec 2023

- Selected as an IT Developer Intern for MSIB Batch 5 at United Tractors from among 11.582 registered applicants (0.8% acceptance rate)
- Developed a web-based asset tracking system for United Tractors' CHCU Division using the Laravel Framework, resulting in effective asset management processes.
- Integrated PEST testing framework to ensure robustness and reliability of the system. Conducted comprehensive testing to guarantee accurate functionality and data integrity

Android Developer

Semarang, Indonesia

BPMPK, Kemdikbudristek RI

Jul 2021 – Dec 2021

- Successfully developed android applications utilizing C# programming language and Unity software
- Working in collaboration with the drafting team and material reviewers to ensure the highest level of quality and accuracy in the final product.
- Troubleshoot and debugged issues that arose during the development process to ensure smooth operation and functionality of the applications.

EDUCATION

Universitas Airlangga

Surabaya, Indonesia

S.Kom. in Information System; GPA: 3.74/4.00

Sept 2020 – Present

- Bangkit Academy 2023 By Google, GoTo, Traveloka - Machine Learning Learning Path
- BNSP-Certified Junior Web Developer

CERTIFICATES

BNSP Certified Junior Web Developer | <link.raisilham.com/bnsp>

2024 - 2027

User Interface Implementation, Writing Code According to Guidelines and Best Practices, Structured Programming Implementation, Utilizing Pre-existing Libraries or Components

TensorFlow Developer Certificate | <link.raisilham.com/tfdc>

2023 - 2026

The certificate program requires an understanding of building TensorFlow models using Computer Vision, Convolutional Neural Networks, Natural Language Processing, and real-world image data and strategies.

Fundamentals of Android Application | <link.raisilham.com/Dicoding1>

2022 - 2025

Layout, Navigation, Background Threads and Networking, Android Architecture Components, APIs, Local Data Persistence, Background Tasks and Schedulers

ACHIEVEMENT

Pendanaa P2MW kategori Bisnis Digital; Finalist link	August 2023
Speaker in HackFest WorkShop about Flutter State Managemet (GDSC Unair) link	March 2023
IDCamp Scholarship Track Android Developer Advanced Level; Awardee link	February 2023
IDCamp Scholarship Track Android Developer Intermediate Level; Awardee link	September 2022
DIY Governor's Achievement Award (Anugerah Prestasi); Awardee link	November 2018
National Level Kihajar Mobile Application Competition; 2nd Place link	October 2018

PROJECTS

(More project in raisilham.com/portofolio.pdf)

Auto Exploratory Data Analysis (WebApp + Python)	June 2023
<ul style="list-style-type: none">Created an automated exploratory data analysis web app capable of accepting user files as input and outputting a detailed EDA. This includes various graphs, descriptive analysis, and quantitative analysis, capable of analyzing both continuous and categorical/text data.Implemented a dashboard accessible via the web using Flask, Python, and Dash (a Python framework). This resulted in an easy-to-access platform providing detailed analysis.Project Link : link.raisilham.com/autoEDA	
Agronify Images Classification Model (Machine Learning)	June 2023
<ul style="list-style-type: none">Created an advanced deep learning model for image classification, specifically designed to detect leaf diseases in various plantations across Indonesia.Successfully implemented a state-of-the-art deep learning architecture, utilizing the MobileNet framework, to develop eight different image classification models. Achieved an average accuracy of 98% and a minimal 4% loss in the models' performance, showcasing their effectiveness in accurately classifying leaf diseases.Project Link : link.raisilham.com/agronify	
Jamur / Struktur Tubuh Jamur (Android App)	Dec 2021
<ul style="list-style-type: none">Developed an android using C# programming language and Unity software, at the request of Balai Pengembangan Multimedia Pendidikan dan Kebudayaan (BPMPK) Kemdikbudristek RI.Utilized Figma to design visually appealing and user-friendly interfaces for the application, ensuring optimal user experience and engagement. <p>Project link link.raisilham.com/android-vlab</p>	
AksaraKu Android App (Andoird App)	Oct 2018
<ul style="list-style-type: none">Successfully developed a 'Aksara Jawa' learning application using Java programming language and Android Studio software.The application achieved second place in the National Kihajar Application Competition 2018, organized by Balai Pengembangan Multimedia Pendidikan dan Kebudayaan Kemdikbudristek RI. <p>Project Link link.raisilham.com/android-aksaraku</p>	

SKILLS

Programming & DB: PHP, Python, MATLAB, R, LaTeX, Go , Javascript, PostgreSQL, MySQL, MongoDB

Frameworks / Library: Tensorflow, Flutter, Laravel, Vue, TailwindCSS, Flask

Developer Tools: Tabelau Dekstop, Archimate, Android Studio, Unity, QGis, Docker, Jupyter Notebook, Git, Metabase

ORGANIZATIONS

Surabaya Dev <i>Dev Team / Mentor</i>	Jan 2023 – Agst 2023
Google Developer Student Clubs Unair <i>Curriculum Core Team</i>	Sept 2022 – Jul 2023
AjakJago <i>Web Development Manager</i>	Dec 2022 – April 2023
Himpunan Mahasiswa Sistem Informasi Unair <i>Expert Staff of Media Division</i>	Dec 2021 – Dec 2022