Aslam Thariq Akbar Akrami

+6281325080083 | aslamthrq@gmail.com | www.linkedin.com/in/aslamthariq | aslamthariq.my.id

Semarang, Central Java, Indonesia

I am a sixth-semester Informatics Engineering student at Dian Nuswantoro University with proficiency in web programming, mobile programming, machine learning, deep learning, data analysis, and natural language processing. I am passionate about bridging the gap between non-digital resources and the digital realm. Eager to contribute to innovative projects, I bring technical acumen and a dedication to ongoing learning, ready to make a substantive impact in the dynamic landscape of informatics.

Education

Universitas Dian Nuswantoro - Semarang, Indonesia   August 2021 - Present
Bachelor Degree in Informatics Engineering, 3.8/4.00

- GPA (major only): 3.7
- Area of Interests: Web & Mobile development, Machine Learning, Deep Learning, Applied Deep Learning for Systems, Cloud Computing, Data analysis, Natural Language Processing, Internet of Thing, Networking
- Course Taken: Fundamental of Computing (A), Basic Programming (A), Algorithm and Programming (A), Cryptograph (A), Object-oriented programming (A), Organization and architecture computer (A), Databases (A), Software engineering (A), Logic for informatics (A), Digital Image Processing (AB), Databases system (A), Operating System (A), Artificial Intelligence (A), Software projects (A), System And Cyber Security (A), Information Retrieval Systems (A), Distributed Systems (AB), Automata and theory language (AB)
- I belong to the "Excellence Class Batch 2021" within the Informatics Engineering undergraduate program, which showcases the high competence of informatics students in the fundamental curriculum. This distinction is only achieved by 1% of eligible students in a year

SMA Negeri 4 - Semarang, Indonesia   July 2018 - June 2021
Computer and Science

Internship Experience

Bengkel Koding Universitas Dian Nuswantoro   April 2024 - June 2024
Web Development

- Developed a scheduling website utilized by 500 students, integrating a QR code system. Utilized Laravel for backend development and implemented APIs interfacing with Flutter.
- Assisted in data science classes as part of the Coding Workshop course.
- Private (https://github.com/bengkelkoding/bengkod-penjadwalan)

Telkom Indonesia Regional IV   December 2023 - March 2024
Web Development & Reporting

- Develop and Implement a Robust Software Requirement System for the MSO TREG IV Inventory (Dashboards for Fulfillment, Including New Link and Rebalancing).
- Implemented a comprehensive software requirement system, resulting in a 15% reduction in errors and a 20% improvement in system reliability, leading to a 10% decrease in post-deployment issues.
- Private (https://github.com/PKL-TELKOM-Web-Development-Reporting/Tsel_Inventory)

Project Experience

Desktop Application for Sales and Inventory Management   May 2023 - July 2023
TANBU (Tandur Buah)
Developer

- I developed and implemented the TANBU (Tandur Buah) Java-based POS application, enhancing sales efficiency and data management, featuring 'Input Item' and 'Customer Input' functions, achieving a 30% sales efficiency boost and improved business performance
- Github Repository (https://github.com/aslamthrq/TANBU-Tandur-Buah-Desktop-app)

FIKRANIA   April 2023 - May 2023
Faculty of Computer Science in Creative Arts and Culture 2023
Team Leader

- I developed the FIKRANIA information and registration website, seamlessly integrating web forms using Google Apps Script. The site is linked with the WABLAS API for real-time information synchronization via WhatsApp, facilitating communication among 65 participants in the photography competition, 10 teams in the creative dance competition, and 10 teams in the singing competition
- Github Repository (https://github.com/aslamthrq/FIKRANIA-2023-demo)

Acne Sense Image Analyze   November 2023 - December 2022
Developer

- Led the development of the "Acne Sense Image Analyze" project, employing advanced image segmentation and processing techniques to analyze and detect acne on facial skin. Achieved a success rate of 87% in accurately identifying skin conditions, contributing to an innovative solution for skin health analysis
- Github Repository (https://github.com/aslamthrq/Acne-Sense-Image-Analyze)

Organisational Experience

Computer Science Student Council - Semarang, Indonesia   November 2021 – June 2024
Creative Media and Information expert staff

- Designing and maintaining the organization's website, including primary and registration websites, catering to a regular attendance of 100 participants
- Managing and updating social media platforms, achieved an Instagram account reach of 7000+ with an impression count of 85,588
- Secured funding amounting to 46 million rupiah, including support from the university, from PPKO ORMAWA 2022, optimizing the potential and operations of the Sidomakmur Kendal fruit park

Publications

Journal Papers:
1. H. R. Nugroho, G. W. Saraswati, X. T. Khansa, **A. T. Akrami**, D. A. P. Tesalonika, E. Kartikadarma, F. O. Saputra, "Inovasi Agribisnis Menggunakan Prinsip Bisnis Circular Economy Berbasis Teknologi Taman Buah Desa Sidomakmur" **BUDIMAS: Jurnal Pengabdian Masyarakat**, vol. 04, no.02, pp. 600-608, 2022

Skills & Achievements

- **Programming Languages:** Experienced in C++ and Java for desktop applications, I specialize in Python for data processing, analysis, and visualization. Proficient in web programming with HTML, CSS, and Javascript, I leverage SQL for web development
- **Framework:** Experienced in working with CodeIgniter 4, SvelteKit, Laravel, React, Bootstrap, Tailwind CSS, Streamlit
- **Tools:** Proficient in using Figma, NetBeans, Visual Studio Code, Jupyter Notebook, VirtualBox and Git for various development and design tasks
- **Soft Skills:** Problem Solver, Teamwork, Adaptability, Discipline, Technical Communication