

MUHAMAD ALIF ANWAR

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Desa. Sidomulyo RT.01 RW.02, Kelurahan Kota Baru, Kec. Teluk Sebong, Kab. Bintan Kepulauan Riau

I am a Bachelor of Informatics Engineering with a strong passion for application development. My eagerness to learn, ability to collaborate, and creativity serve as solid foundations that drive me to create innovative and relevant applications. I am committed to continuously expanding my knowledge in technology and aspire to be part of a dynamic team that develops cutting-edge solutions.

Education Level

Universitas Dian Nuswantoro - Semarang, Indonesia

Sep 2021 - Jan 2025

Undergraduate Computer Science, 3.82/4.00

- Enrolled in an advanced class.
- Actively involved in organizational activities.

Work Experiences

Dian Nuswantoro University - Semarang, Indonesia

Sep 2023 - Present

Web Developer(FrontEnd) - Bengkel Koding.

Bengkel Koding is a teaching assistance program at Universitas Dian Nuswantoro, providing students with access to interest-based coding courses. As part of this initiative, developed and optimized the LMS system to enhance the learning experience and streamline course accessibility for over 1015 registered users.

- Improved responsive design and boosted Lighthouse performance by up to 50%.
- Successfully integrated and consumed 134 API endpoints.
- Designed and implemented 3 static pages and 20 dynamic pages.
- Enhanced +1000 user experience and accessibility for students participating in coding workshops.

Dian Nuswantoro University - Semarang, Indonesia

Sep 2023 - Jun 2024

Web Development Lab Assistant.

In the Web Development Lab, I assist over 30 students in mastering web programming, covering everything from basics to database relations using the MVC method. I also organize and mentor intensive class events. Proficient in Semantic HTML, CSS Framework, Javascript, PHP, Laravel, and MySQL, I contribute to creating a dynamic and collaborative learning environment.

- Assisting a computer lab with 30+ students.
- Aiding students in learning web programming from basics to database relations using the MVC method.
- Proficient in Semantic HTML, CSS Framework, Javascript, PHP, Laravel, and MySQL.

Dian Nuswantoro University - Semarang, Indonesia

Jun 2023 - Feb 2024

Research Team of High Performance Computer

In my role in EHPC research, I reverse engineer code from the study "Towards energy-efficient service scheduling in federated edge clouds" using CloudSim. I modify models and code to optimize service scheduling, enhancing HPC infrastructure concepts and technologies, and contributing to scientific and industry advancements.

Organisational Experience

Google Developer Student Club UDINUS - Semarang, Indonesia

Nov 2023 - Present

Member

Google Developer Student Clubs (GDSC) is a Google initiative that brings students together to learn, collaborate, and contribute to software development. Through GDSC, students can participate in workshops, projects, and events focusing on Google technologies and software development in general. Its goal is to form an active community of students engaged in learning and innovation in the field of technology.

- Participated in a series of workshop activities at Dev Fest.
- Engaged in the Hackathon program, Hack Fest 2023.

Dinus Open Source Community - Semarang, Indonesia

Feb 2022 - Feb 2023

Programming Division

We are an open-source community in the field of software with a vision to "Popularize Open Source and Open Source the Community" through various activities such as workshops, seminars, and sharing sessions. Additionally, we curate an operating system named TeaLinuxOS.

- Executive Chair of the Tealinux 2023 Release Party
- Moderator Event Doscom Build And Sharing
- Mentor C++ in Cshare Doscom program

Achievements & Other Experience

- **Samsung Innovation Campus Batch 5 Awardee - 2023/2024** 🏆 (2024): Through the Samsung Innovation Campus Batch 5, I successfully entered the top 40 universities. This program provided me with intensive training in C&P, IoT, and AI, and prepared me for a career in the tech industry with globally recognized skills.
- **BNSP Certification of Competency - Web Developer (2024)** 🏆 (2024): This certification, awarded by the National Professional Certification Agency (BNSP), recognizes proficiency in web development through rigorous national standards. It demonstrates expertise in designing and building modern websites, integrating front-end and back-end technologies, and optimizing both user experience (UX) and user interface (UI) to deliver high-quality web solutions. Additionally, it includes experience in version control systems (Git) and familiarity with development collaboration tools such as GitHub, ensuring efficient teamwork and code management.
- **JuaraAndroid Compose Camp Awardee 2023** 🏆 (2023): #JuaraAndroid is an online self-study program designed to help developers learn Android Development using Compose. The event includes workshops, online materials, and a final capstone project. I am proud to share that I successfully completed all activities and received a swag gift as proof of my active participation. To achieve this, I scored up 80% on the online quiz and completed all Tier 1 or Tier 2 badges, totaling 30 badges.
- **IDCamp's Front End ReactJs scholarship Dicoding course.** 🏆 (2023): Learn the syntax of ES6, Web Components, and Build Tools in constructing websites using simple, reusable, and optimized techniques. Master JavaScript, the popular programming language, starting from fundamentals, ES6 syntax and features, to the concepts of automated testing using the React framework
- **Rakamin Virtual Internship BTPN Fullstack Web Development** 🏆 (2022): For successfully completing fullstack developer Project-based Internship Program from BTPN Syariah
- **IDCamp's Back End Node Js scholarship Dicoding course.** 🏆 (2022): Understand the fundamentals of building RESTful APIs, ranging from setting up an HTTP server, handling routing, to constructing the Back-End for real-world applications.
- **Soft Skills Leadership** 🏆 (2022): The Executive Chair of the Tealinux 2023 Release Party is typically responsible for overseeing and organizing the event. This involves coordinating various aspects, such as planning the program, managing logistics, and ensuring the overall success and enjoyment of the attendees.
- **Projects** 🏆 (2023): I crafted a portfolio using Next.js with TypeScript and Tailwind CSS. This project showcases my proficiency in software development including several project i was build, the portofolio already online in alifanwarpage.vercel.app