



ARYASATYA ALAAUDDIN

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A passionate Web Developer with a strong focus on Front-End development, specializing in Next.js and React.js. Experienced in building responsive and modern user interfaces. Complemented by a solid understanding of Back-End and DevOps principles to contribute to the full development lifecycle. Proven ability to coordinate technical teams and drive projects to successful completion.

Education Level

Institut Teknologi Sepuluh Nopember - Surabaya, Indonesia

Aug 2023

Bachelor of Computer Science, 3.74/4.00

- Awarded 2nd Place Winner for Smart City division at GEMASTIK XVIII held by Kemendikbudristek
- Awarded 3rd Place in the Web Development category at the FIT Competition 2025 hosted by FTI UKSW

Work Experiences

Society of Renewable Energy ITS Branch - Surabaya, Indonesia

Jul 2025 - Present

Director of Web Development

SRE ITS Branch is a student-led organization at Institut Teknologi Sepuluh Nopember (ITS) that serves as a platform for students to develop their knowledge, skills, and network in the renewable energy sector through projects, workshops, and discussions.

- Directed a web development team of 11 (including 3 managers) in UI/UX, Frontend, and Backend, fostering collaboration to meet strategic project deadlines.
- Orchestrated the full project lifecycle for the official SRE ITS website, from strategic planning and execution to ongoing maintenance, ensuring optimal performance and user experience.
- Initiated and managed the development of the SRE ITS 2025 Open Registration feature, a key project designed to streamline member recruitment and organizational growth.

Institut Teknologi Sepuluh Nopember Student Executive Board (BEM ITS) - Surabaya, Indonesia

Mar 2025 - Present

Staff of Ministry of Multimedia and Information

The Institut Teknologi Sepuluh Nopember Student Executive Board (BEM ITS) is the highest university-level student executive organization. It is responsible for representing the entire student body, designing strategic programs, and channeling student aspirations to the university's leadership.

- Operated as a key Front-End Developer within a 4-person agile team (FE, BE, UI/UX) to build the official BEM ITS website, the primary digital communication channel for tens of thousands of students.
- Contributed to the ministry's broader communication strategy by supporting key programs beyond web development, including the 'Media Excellence Summit' and assisting with social media management and live event reporting.
- Functioned as an integral member of the 19-person Ministry of Multimedia and Information, demonstrating strong teamwork and communication skills in a large-scale student government environment.

Information Technology Student Association (HMIT) - Surabaya, Indonesia

Feb 2025 - Present

Staff of Research and Technology Department

The Information Technology Student Association (HMIT) ITS is a student organization that functions as a hub for technological innovation and development. Through strategic departments like Research and Technology, the organization actively facilitates research activities, technical training, and the development of technology-based projects.

- Designed and delivered the curriculum for a recurring Web Development Club for Information Technology students, successfully forging an industry collaboration with Hacktiv8 for one session to provide real-world insights.
- Entrusted to spearhead 'IT Junior Preps,' a large-scale program designed to onboard and prepare new students for the technology industry, reflecting trust in my program management and leadership abilities.
- Appointed as the Lead Backend Developer for the new HMIT official website, demonstrating leadership by supervising the backend team, delegating tasks, and architecting the server-side logic.
- Actively collaborated within an 11-member Research & Technology team to execute departmental work plans and contribute to the overall success of student development programs.

A Renewal Agent 6.0 - Surabaya, Indonesia

Nov 2024 - May 2025

Front End Developer Expert Staff

A Renewal Agent (ARA) 6.0 is the largest annual technology event series hosted by the Information Technology Student Association (HMIT) at ITS, featuring national-level competitions and seminars aimed at fostering digital innovation among high school and university students.

- Served as a Front-End Expert Staff within a dynamic 17-member IT team, collaborating closely with UI/UX and Back-End developers to drive the technical execution of a national-scale event website.
- Took full ownership of developing and implementing 8+ critical features, from slicing high-fidelity landing pages (Home, OlimpIT) to engineering the complete front-end logic and API integration for the user login and registration systems.
- Demonstrated technical versatility by delivering key components across the entire platform, including user-facing event pages, essential authentication forms, and the integration of an internal admin dashboard for merchandise management.

Ini Lho ITS! 2024 - Surabaya, Indonesia

Oct 2024 - Apr 2025

Front End Developer Staff

"Ini Lho ITS! 2024" was an annual event organized by the students of the Sepuluh Nopember Institute of Technology (ITS) aimed at introducing the campus and university life to high school students across Indonesia.

- Operated effectively within a large, cross-functional IT team of 41 members (spanning Front-End, Back-End, UI/UX, and QA) to deliver key features for a national-scale event website.
- Collaborated closely with UI/UX designers to implement high-fidelity mockups for 5+ pages/modals and worked with back-end developers to define and integrate API endpoints for critical user interactions.
- Authored and maintained clean, reusable code for 7 features across the event website, including creating the UI for sub-event pages, modals, and user dashboards.

Petroleum Integrated Days 2024 - Surabaya, Indonesia

Oct 2024 - May 2025

Front End Developer Staff

As an international-scale energy competition, the success of Petrolida 2024 heavily relied on a professional digital presence and a reliable online platform. The official website served as the primary gateway for global participant registration, information dissemination, and sponsor engagement.

- Collaborated effectively within a large, 29-member cross-functional IT team (FE, BE, UI/UX) to develop and deliver the official website for Petrolida, an international energy competition with a global audience.
- Owned the end-to-end front-end development for 5+ critical features, including engineering the multi-event registration funnels and implementing a real-time order tracking page for participants.
- Translated complex UI/UX designs into fully functional and responsive web pages, ensuring a seamless user experience for international participants registering for key events like Lovol, Petrovis, and City Tour.

Cybersecurity and Smart City (KCKS) Lab of Information

Feb 2024 - Aug 2025

Technology Department - Surabaya, Indonesia

Lab Admin

One of the laboratory units of the Information Technology Department in Institut Teknologi Sepuluh Nopember that focuses on research and development in the field of Smart City and Cyber Security.

- Instructed and mentored students in practical lab sessions for the 'Algorithms and Programming Techniques' course, covering fundamental concepts in C/C++ and guiding them through complex problem-solving exercises.
- Entrusted with key academic responsibilities, including evaluating and grading student assignments, lab reports, and exams for two core courses, ensuring fair and accurate assessment of their technical abilities.
- Demonstrated leadership and strong communication skills by occasionally leading full classroom lectures in the lecturer's absence, effectively teaching core curriculum to the entire class.

Skills, Achievements & Other Experience

- **Awarded 2nd Place Winner for Smart City division at GEMASTIK XVIII held by Kemendikbudristek (2025)**
- **Awarded 3rd Place in the Web Development category at the FIT Competition 2025, hosted by FTI UKSW (2025)**
- **Bootcamp:** GENICS 2.0 Bootcamp for Web Development
- **Hard Skills:** React, Next Js, Node Js, Express Js, Typescript, Javascript, Tailwind, Figma, Git, Docker, Tensorflow, Pytorch
- **Soft Skills:** Adaptability, Delegation, Leadership, Communication, Teamwork