

Akhyar

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Introduction

As a final-year Informatics student at Universitas Syiah Kuala, I focus on software engineering with a strong interest in website and mobile application development. I have hands-on experience with modern development tools and frameworks, supported by active involvement in various academic and organizational projects. My participation in student organizations has enhanced my leadership and collaboration skills, complementing my technical foundation. I am committed to growing as a software engineer and contributing meaningfully to both my academic and professional communities.

Education

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| Syiah Kuala University | 2021 – 2025 |
| <ul style="list-style-type: none">Bachelor's Degree in Informatics - GPA: 3.74/4.0 | |
| MAN 1 Banda Aceh | 2018 – 2021 |
| <ul style="list-style-type: none">Mathematics and Natural Sciences | |

Experience

Badan Meteorologi, Klimatologi, dan Geofisika (BMKG) Aceh Besar

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| Full Stack Dev Intern | Jun 2024 - Jul 2024 |
| <ul style="list-style-type: none">Developed and maintained a web-based employee leave request system to facilitate efficient leave applications, real-time tracking of leave amounts, and automated leave approval letter generation.Implemented both frontend and backend features using React.js, Tailwind CSS, Express.js, and MySQL.Collaborated closely with team members to optimize workflows and improve the user experience for both employees and admin. | |

Bangkit Academy 2024 By Google, GoTo, Tokopedia, Traveloka - Android Learning Path

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| Independent Study at Kampus Merdeka, Remote, Indonesia | Feb 2024 - Jun 2024 |
| <ul style="list-style-type: none">Engaged in individual learning through online modules on Dicoding Academy and consulted with experts via discussion forums.Conducted regular consultations with a mentor to address non-academic challenges throughout the program.Collaborated in a team to complete a final project on a theme approved by the mentor. | |

Informatics Student Association, Syiah Kuala University

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| Head of Student Welfare Management Department | Feb 2024 – Jan 2025 |
| <ul style="list-style-type: none">Directed and supervised the execution of strategic departmental programs aimed at improving student welfare.Initiated and developed innovative programs in close collaboration with the deputy head and department secretary.Fostered a harmonious and productive working environment, encouraging collaboration and motivation among staff. | |
| Staff of Student Welfare Management Department | Feb 2023 – Jan 2024 |
| <ul style="list-style-type: none">Actively assisted in implementing departmental programs focused on enhancing student well-being and engagement.Contributed to the planning of new initiatives by supporting research, documentation, and internal communication. | |

- Promoted a supportive and inclusive team culture by maintaining collaboration and professionalism in daily tasks.

Syiah Kuala University

Laboratory Assistant DevOps Class

Jul, 2024 - Dec, 2024

- Guided students in implementing CI/CD principles, deploying projects on DockerHub and GCP, and managing data backup, using hands-on labs and evaluations.
- Provided feedback and addressed student inquiries, helping them strengthen DevOps skills in automation, deployment, and infrastructure management.

Laboratory Assistant Software Engineering Class

Feb, 2024 - Jun, 2024

- Directed 41 students in 16 sessions on software development, including Mendix, Figma, Trello, Github, GitKraken, Star UML, Xtensio, and Storyboard That.
- Check and grade all assignments, lab work, group work, and Cornell notes. If the assignment has not achieved an optimal assessment, provide re-learning to the practitioner until it reaches a score of 100.

Laboratory Assistant Web Programming Class

Feb, 2024 - Jun, 2024

- Educated 44 students in 16 sessions on Linux, web programming basics and fundamentals, including HTML, CSS, JavaScript, PHP, Laravel, Tailwind, and Git.
- Developed and presented captivating lesson plans integrating diverse teaching techniques like practical exercises, collaborative projects, and dynamic lectures through <https://docs-pbw-inf-224.vercel.app/>.

Projects

D'Event

- Crafted an interactive web application, D'Event, allowing campus organizations to register upcoming events, display event start times, and add new event schedules, featuring an attractive and engaging interface
- Tools Used: Adonis Js, TailwindCSS

Forterzzz

- Developed an interactive team Portfolio Website to create an engaging and responsive user experience.
- Tools Used: React.js, Tailwind CSS

MediGuide

- Implemented an interactive Medical Chatbot application to deliver a user-friendly and responsive experience, incorporating advanced functionalities for seamless medical assistance.
- Tools Used: Kotlin, Android Studio

RWikiStat

- Developed the iOS version of an interactive educational app for learning statistics, and maintained the existing Android and web platforms with features such as a discussion forum and R code execution support.
- Available on the App Store: RWikiStat App
- Tools Used: React Native, Expo, Firebase

Sistem Bimbingan Mahasiswa - SIMBIMA

- Designed an interactive Student Advising System website with personalized counselling, career resources, and seamless communication tools for effective student-advisor interaction and progress tracking.
- Tools Used: Laravel, TailwindCSS, D3.js

Technologies

Languages: Bahasa Indonesia, English

Programming Languages: C, Java, JavaScript, Kotlin, MySQL, Node.js, PHP, Python, SQL, TypeScript

Technologies: Amazon Web Services (AWS), Docker, Expo, Figma, Firebase, Google Cloud Platform (GCP), Linux