

Ardian

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SUMMARY

I am Ardian, a Software Engineer with a strong foundation in software development and a deep focus on frontend engineering. I have experience designing and building responsive, user-friendly interfaces that enhance usability and accessibility. While I possess a broad understanding of the software development lifecycle, my expertise lies in crafting intuitive frontend solutions that align with both user needs and business goals. I am passionate about clean, maintainable code and committed to continuously improving both technical and creative skills in the ever-evolving field of web development.

EDUCATION

Syiah Kuala University

Expected Agustus 2025

Bachelor of Science in Computer Science (GPA: 3.52 / 4.00)

Banda Aceh, Aceh

- **Relevant Coursework:** Web Development, Frontend Development, Backend Development, Mobile App Development

EXPERIENCE

Bangkit Academy

Feb 2024 – Jun 2024

Mobile Development

Online

- Developed expertise in mobile development using Kotlin, including hands-on projects creating dynamic and responsive Android applications.
- Worked collaboratively on a capstone project, Fintrack, creating a financial app for SMEs and integrating machine learning models for expense categorization and financial analysis, including forecasting.
- Enhanced problem-solving skills by tackling real-world mobile development challenges, optimizing app performance, and ensuring user-friendly interfaces.

Laboratory Assistant

Feb 2024 – Jun 2024

Web Development Class

Universitas Syiah Kuala

- Assisted students in practicing HTML, CSS, and JavaScript, while helping them understand fundamental web development concepts.
- Supported learning of the Laravel framework by providing technical guidance and practical examples through simple projects.
- Enhanced communication and mentoring skills by assisting students directly during lab sessions.

Laboratory Assistant

Aug 2024 – Nov 2024

Data Mining Class

Universitas Syiah Kuala

- Assisted students in processing raw data into structured datasets using Python, focusing on data cleaning and transformation.
- Applied supervised learning methods in classification and unsupervised learning techniques in clustering for practical data analysis.
- Supported hands-on lab sessions that bridged theory and practice, helping students gain problem-solving skills through real-world data mining scenarios.

Laboratory Assistant

Aug 2024 – Nov 2024

Image Processing Class

Universitas Syiah Kuala

- Assisted students in learning image processing techniques using Python.
- Guided practical sessions with Jupyter Notebook and Google Colab to analyze and manipulate images.
- Helped connect theoretical concepts with hands-on exercises to strengthen students' understanding.

PROJECTS

U Green | *Company Profile and E-Commerce Platform*

- Developed a web platform to showcase company information and enable users to purchase products from UGreen Store.
- Designed and built the application using the Laravel framework, focusing on both content presentation and e-commerce functionality.
- Implemented features for product browsing, purchasing, and user management to support business operations.

Expense Tracking | *Personal Finance Mobile App*

- Designed and developed a mobile application to help users monitor and manage their personal expenses.
- Developed using React Native for seamless cross-platform mobile experience and Firebase for efficient real-time data storage and synchronization.
- Implemented features to track daily spending and visualize statistics, highlighting days with unusually high expenses.

Tiket Hebat | *Online Ferry Ticket Booking System*

- Built a website for booking ferry tickets on the ASDP Singkil route, making the ticketing process simpler and more accessible for users.
- As a Front-End Developer, using TypeScript and Next.js to design the interface, implement UI logic, and ensure a smooth and responsive user experience.
- Integrated the front-end with backend services through RESTful APIs, tested using Postman, to enable real-time ticket availability and seamless booking flow.

Euran Waste Management System | *Integrated Waste Payment Platform*

- Developed a waste management platform using Laravel, enabling users to pay collection fees, track payment history, and receive notifications.
- Developed a dashboard for waste collectors to manage schedules, update collection statuses, and generate reports efficiently.
- Integrated local payment methods and geolocation services to streamline fee collection and optimize collection routes.

TECHNICAL SKILLS

Languages:Kotlin, JavaScript, TypeScript, PHP, HTML, CSS, SQL

Technologies: React.js, Laravel, React Native, Node.js, PhpMyAdmin, MySql Workbench

Designing: I find pleasure in the process of designing, where I can combine creativity, precision, and strategic thinking to create something unique and meaningful.

ORGANIZATIONAL INVOLVEMENT

Chairman, Informatics Student Association (HMIF)

2024 – 2025

Syiah Kuala University

Banda Aceh, Indonesia

- Led and coordinated all activities of HMIF, making sure every program supported the organization’s vision and mission.
- Took responsibility as the top decision-maker, setting policies and guiding the direction of the organization.
- Supervised the execution of programs, monitored progress, and ensured that goals were achieved on time.
- Worked closely with other board members to make strategic decisions and keep the organization accountable.

Member, Department of Interests, Talents, and Appreciation (MBA)

2023 – 2024

Informatics Student Association (HMIF), Syiah Kuala University

Banda Aceh, Indonesia

- Helped plan and run programs that encouraged students to explore and develop their interests and talents.
- Worked with the team to organize events and activities that celebrated creativity and gave recognition to students’ achievements.