Mhd Ulil Abshar

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Summary

A third-year Information Systems student with over 1 year of experience as a software engineer, specializing in backend development while also having a strong understanding of frontend technologies. I have worked on projects in logistics, e-commerce, information systems, and mentoring platforms. My expertise includes backend development, cloud computing, database management, and API design. I am experienced in designing scalable systems, ensuring code quality, and collaborating with teams to deliver effective solutions. Passionate about creating innovative software, I continuously strive to expand my technical skills.

Experience

Metro Software
Software Engineer | 06/2024 - 04/2025

- Metro Software is an Indonesia-based software house that helps small to medium businesses build digital products and optimize business processes.
- Handled 4 projects built with React JS, Express JS, MySQL, and PostgreSQL.
- Managed end-to-end app deployment: GitHub, Docker, cPanel, Digital Ocean.
- Handled cross-deployment migrations.
- Implemented CI/CD pipelines to optimize deployment time

Meets Indonesia - Frontend Engineer

- A mentoring platform connecting mentors and mentees across various fields, featuring chat messaging and Zoom video mentoring.
- Implemented Socket.IO to handle multiple-user chat functionality.
- Integrated VideoSDK for Zoom video meetings.
- Integrated Midtrans payment gateway.
- Utilized Zustand to reduce prop drilling in state management.

Fixolution Project - Software Engineer

- A mini-commerce platform connecting users with nearby mechanics for spare parts and roadside repairs.
- Implemented the Biteship API for logistics aggregation.
- Built the product end-to-end, from initiation to deployment.

TEDxUNAND - Software Enginee

- An e-ticketing platform for TEDx UNAND events.
- Integrated the Xendit payment gateway.
- Developed a scalable frontend to improve user engagement at TEDx UNAND.

Surau Quran - Backend Engineer

- A school management platform.
- Integrated Xendit payment gateway.
- Implemented payroll functionality with Xendit.
- Built scalable API services.

Meets Indonesia
Software Engineer | 11/2024 - 03/2025

- Implemented CI/CD pipelines using GitHub Actions to reduce deployment time.
- Optimized and refactored early-stage code.
- Built a metrics dashboard to track operational data.

Kementerian Kelautan dan Perikanan RI
Software Engineer Intern | 01/2025 - 02/2025

- Developed an end-to-end platform for meeting room bookings and attendance management systems.

Education

Bangkit led by Google, Goto, and Traveloka
Cloud Computing Cohort

- Ranked in the top 10% (147 out of 1,470) in the Cloud Computing path.
- Ranked in the top 1,000 out of 4,636 for most active students in ILT Tech Cloud Computing and Soft Skills.
- Ranked in the top 5 students out of 25 for the most active interactions during weekly consultations (CC-57)
- Ranked in the top 100 out of 4,636 students for scoring in Soft Skill Assignment 3.

Univeristas Andalas
Information System

- Teaching Assistant for the Cloud Computing course, teaching 90+ students about cloud technologies and Google Cloud Platform (GCP).
- Speaker on career and study plans at a personal development program organized by HMSI UNAND [2025]
- 3rd Place in the Better Day Project 3.0: Business Idea Competition [2022]

Leadership and Organization

Metro Institute - Community Lead

- Metro Institute is a student organization dedicated to advancing IT skills through innovation, collaboration, and inclusive education.
- Formulated and executed strategies to lead a community of 50+ members, including core team members, mentors, and mentees.
- Supervised four tech bootcamp programs and a capstone project, mentoring 25+ mentees.
- Designed and developed three core programs to foster growth and engagement within the community.

GDSC UNAND - Core Member, Frontend

- Led educational sessions on HTML, CSS, and React.js for a study group of 3 members.
- Collaborated with the team to design and develop a 7-module curriculum for internal studies and GDSC Study Jams.
- Conducted a React.js workshop for 25 participants, covering development, state management, and live deployment with hands-on exercises.

Skills

- **Programing** : Javascript , Typescripts
- **Framework**: React.js, Nextjs , Express JS
- **Database Management**: MySQL, PostgreSQL
- **Cloud Computing**: Google Cloud Platform (GCP), DigitalOcean
- **Project Management**: Agile Methodology, Scrum
- **Team Collaboration**
- **Leadership**
- **Problem-Solving**