MUHAMMAD ALFIN ALFARIZI

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LinkedIn, Github, Portfolio Website

Profile

Web Development Specialist with strong expertise in React.js, Next.js, and Node.js, supported by a solid foundation in database management using MongoDB and PostgreSQL. Experienced in building **scalable**, **high-performance**, and **mobile-first web applications** using modern frameworks such as Tailwind CSS, leveraging tools like Git and CI/CD pipelines to deliver solutions that **enhance user engagement** and drive innovation.

Activities and Experiences

Jun 2025 - Present

Remote

Academy Code Reviewer - Dicoding Indonesia

- Conducted regular **code reviews on 100+ student projects per month**, ensuring adherence to coding standards and best practices.
- Delivered clear, constructive, and actionable feedback to improve **code quality, readability, and problem-solving skills.**
- Collaborated with reviewer teams to streamline review workflows and enhance educational outcomes.

Oct 2024 - Present

Remote

Discussion Squad - Dicoding Indonesia

- Assisted students in resolving **technical questions** and course-related discussion topics by providing clear explanations and structured guidance.
- Facilitated **collaborative discussions** to encourage critical thinking, problem-solving, and deeper understanding of technical concepts.
- Analyzed student feedback to support continuous improvement of learning approaches and was recognized as **"Elite of the Month"** for outstanding contribution and engagement.

Aug 2025 - Jan 2026

Remote

React Back-End with AI - Asah Led By Dicoding Association With Accenture

- Developed a full-stack capstone project based on a real-world industry use case using React, Node.js, Express, and Hapi.js, delivering a **scalable and maintainable application**.
- Collaborated in a mentor-guided team environment to design RESTful APIs, manage workflows, and resolve technical challenges through **effective communication and version control**.
- Prepared the application for AI integration, strengthening **problem-solving**, **adaptability**, and professional collaboration aligned with industry best practices.

Sept 2024 - Jun 2025

Remote

React Developer - IDCamp (Indosat Ooredoo Hutchison Digital Camp)

- Developed **scalable, component-based user interfaces** using **React.js**, leveraging hooks, props, and **Redux** for effective state management.
- Built **responsive and maintainable UI systems** using **Tailwind CSS** and Styled Components, ensuring cross-device compatibility.
- Integrated **REST APIs** using **Axios** with async/await, and applied **automated testing** and **CI/CD pipelines** via GitHub Actions to optimize development workflows.

Education

Sept 2022 - Present

Jambi, Indonesia

Dinamika Bangsa University
Computer Science - Informatics Engineering

- 7th semester college students with **GPA : 3.99**
- **Related Coursework** : Basic Programming, Algorithms and Data Structures I and II, OOP (Object Oriented Programming), Database I and II, Mobile Programming (Flutter) and (Kotlin), Web Programming I and II,

Skills

- **Web Development:** HTML, CSS, JavaScript, React.js, Next.js
- **Frameworks and Libraries:** Tailwind CSS, Bootstrap, Node.js, Express.js, Redux, Context API, React Query, Styled Components, Hapi.js
- **Database Management:** MongoDB, PostgreSQL, MySQL, Firebase, SupaBase, Convex
- **Testing & Optimization:** Jest, Vitest, Web Performance Metrics (FCP, LCP, CLS)
- **Tools and Platforms:** Git, GitHub, Netlify, Vercel, CI/CD, Expo, Visual Studio Code, Postman, Microsoft Azure, Notion
- **API Integration:** Fetch, Axios, RESTful APIs
- **Build Tools:** Webpack, Vite

Activities

KOMUNITAS PROGRAMMING UNAMA | Sep 2023 - Present

Developed interactive and responsive web applications using modern web frameworks with a focus on intuitive and accessible user interfaces across multiple devices. Collaborated with team members to organize development activities, strengthen community engagement, and support 20+ members in learning and improving their web development skills through guidance, collaboration, and team-building initiatives.

Certification

- React Developer Expert | IDCamp (Indosat Ooredoo Hutchison Digital Camp) | Jun 2025
- React Developer Intermediate | IDCamp (Indosat Ooredoo Hutchison Digital Camp) | Mar 2025
- Back-End Web Developer Intermediate | AWS Back-End Academy | Sep 2024
- Front End Web Developer Expert | IDCamp (Indosat Ooredoo Hutchison Digital Camp) | May 2024

Projects (More Projects Here : portfolio & github)

LEARNCHECK – FORMATIVE ASSESSMENT WEB APP | Des 2025

Asah Project

LearnCheck is a formative assessment web application designed to support outcome-based learning by enabling interactive quizzes, instant feedback, and personalized learning progression instead of passive content consumption.

- Built a **full-stack formative assessment web application** using React and Node.js with modular quiz systems and instant feedback to enhance learning outcomes
- Implemented **dynamic routing, learning track personalization, and URL-based progress visualization** using React Router and RESTful APIs
- Delivered a **clean, user-centered UI/UX** ensuring smooth assessment flow, clear feedback, and improved learner engagement

CAT THREAD – FORUM DISCUSSION WEB APP | Apr 2025

Dicoding React Expert Project

Cat Thread is a forum discussion web application built with React as part of the Dicoding React Developer Expert program, focusing on scalable state management, secure authentication, and comprehensive testing.

- Developed a **React-based forum application** with secure authentication via Dicoding API and core features including thread creation, replies, and voting
- Managed **scalable global state** using Redux Toolkit with persistence, and built a responsive, accessible UI using Tailwind CSS
- Ensured application reliability through **unit, integration, and E2E testing** with Cypress, optimized with Vite for fast builds and hot reload