

# Muhammad Arief Fadhlán

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Developer with 2.5+ years of experience in building dynamic and interactive websites. Skilled in Typescript, React.js, Vue.js, Next.js, Express.js, and PostgreSQL. Experienced working in an Agile environment. Focused on optimizing performance, improving user experience, and creating responsive layouts. Passionate about delivering scalable and high-quality applications.

## PROFESSIONAL EXPERIENCE

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### Frontend Developer

*PT Ragdalion Revolusi Industri – Cikarang, Indonesia*

*February 2025 – Present*

- Developed a React project template with custom reusable components and utilities to enforce coding standards and consistency, accelerate new project setup, and minimize potential bugs.
- Optimized rendering performance in a dynamic data table by implementing debounce and isolating state updates, significantly reducing unnecessary re-renders and improving input responsiveness.
- Optimized load times and bundle size by implementing memoization, lazy loading, code splitting, and replacing heavy libraries.

### Web Developer

*Universitas Sumatera Utara – Medan, Indonesia*

*April 2023 – January 2025*

- Developed 30+ responsive pages, ensuring consistent layouts and enhancing user experience.
- Developed an official music section with audio playback and real-time lyric synchronization using LRC files.
- Optimized image assets and prioritized resources, leading to faster load times and higher Lighthouse Score.
- Optimized data fetching by caching API responses with React Query, achieving faster response times and fewer redundant requests.
- Migrated from Sass to Tailwind CSS, reducing development time and improving code consistency.

### Programmer

*Garuda Cyber Indonesia – Pekanbaru, Indonesia*

*August 2023 – December 2023*

- Created integration tests to ensure API work properly and prevent potential failures.
- Developed a logging system to audit, record, and track user activities, improving operational transparency.
- Developed a dashboard to manages products, drivers, and files associated with the Garuda Kasir desktop application.

### ITLead Team Project Leader

*ITFest USU – Medan, Indonesia*

*January 2023 – April 2023*

- Optimized SEO by adding meta tags for better visibility and link previews across platforms.
- Monitored indexing and crawl issues using Google Search Console to maintain and improve site visibility.

## EDUCATION

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**Universitas Sumatera Utara** – Medan, Indonesia

*S1 Teknologi Informasi / GPA: 3.93/4.00*

*August 2020 – November 2024*

- Relevant Courses: Web Programming, Object-Oriented Programming, Database System.

## SKILLS

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**Programming Language:** JavaScript, TypeScript.

**Frameworks/Libraries:** Sass, Bootstrap, Tailwind CSS, React.js, Next.js, Vue.js, React Query, Redux, Zustand.

**Backend & Databases:** PHP, Laravel, Golang, MySQL, PostgreSQL.

**Tools:** Git, GitHub, GitLab, Vite, Bun.