ALFITKA HAERUL KURNIAWAN

Front-End Developer

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INTRODUCTION

Front-End Developer with 3 years of professional experience, specializing in modern web development using React.js, Next.js, Vue.js, and TypeScript. Transitioned from a strong Full-Stack background, providing a deep understanding of end-to-end system architecture, seamless RESTful API integrations, and back-end ecosystems (Laravel/PHP, MySQL, PostgreSQL). Proven track record in building scalable, data-intensive internal web applications for the higher education sector, with a current focus on delivering optimized, type-safe, and highly interactive user interfaces.

EXPERIENCES

Universitas Terbuka
Developing internal web applications to support the university's administrative and academic operations, working across both front-end and back-end within a collaborative development team.

Front-End Developer *February 2026 – Present*

- Contributed as a Front-End Developer in building an internal E-Tax Management Application to support university administrative workflows.
- Built scalable, responsive, and data-intensive interfaces using Next.js and TypeScript, ensuring a smooth user experience.
- Implemented efficient state management across the application using Zustand.
- Ensured strict form validation and data integrity on the client side utilizing Zod Schema.
- Leveraged TanStack Table and TanStack Query for optimized data fetching, caching, and complex table interactions (filtering, sorting, pagination).

Full-Stack Developer *October 2023 – January 2026*

- Developed and maintained the internal Academic Data Dashboard to streamline the university's academic operations, working collaboratively across the development team.
- Designed end-to-end web solutions using React.js and TypeScript on the front-end, integrated with a Laravel back-end.
- Designed and managed a relational database using PostgreSQL to support data structures and queries.
- Utilized TanStack Table and TanStack Query for efficient data rendering and reliable server-state management within the dashboard.
- Integrated front-end components with RESTful APIs and implemented Zod Schema for consistent data validation, ensuring synchronization between client and server.

CV. Access Media – Software Developer Intern *February 2022 – April 2022*
Contributed as a Software Developer Intern, involved in application development, quality assurance, and technical documentation during a 3-month field work assignment.

- Developed SIPWKS (School Cooperative Kiosk Management Information System), a desktop-based application built with Visual Basic and Microsoft Access, as the primary internship project.
- Conducted functional testing on web applications under active development by the team.
- Created user documentation and recorded video tutorials uploaded to the company's YouTube channel.
- Received a final internship score of 91/100 (Excellent) from the institution.

EDUCATION

Universitas Terbuka – Bachelor's Degree, Information Systems *2024 – 2028*

SMK Negeri 3 Banjar – Software Engineering *2020 – 2023*

SKILLS

Technical Skills
TypeScript, JavaScript, PHP, Laravel, Node.js, Express.js, Vue.js, React.js, Next.js, React Router, React Hook Form, Vue Router, Zod, Vee Validate, Zustand, Context, Pinia, TanStack Query, TanStack Table, Shadcn, HTML, CSS, Tailwind CSS, Bootstrap, MySQL, PostgreSQL, MongoDB, Supabase.

Tools and AI
Claude, ChatGPT, Gemini, Visual Studio Code, DBeaver, Bruno, Postman, GitLab, GitHub, Playwright, etc.

CERTIFICATION

Data Engineering on Microsoft Azure – Microsoft *2025*

IT Software Solution for Business – LKS SMK *2022*