

MUHAMMAD SULTANSYAH

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PROFILE

Frontend Developer with experience building responsive, scalable, and modern web applications using React.js, Next.js, Vue.js, Nuxt.js, TypeScript, Tailwind CSS, and modern UI libraries. Strong understanding of state management, API integration, responsive design, and user-focused interface development.

EDUCATION

Bachelor of Applied Science in Informatics Engineering, Politeknik Negeri Lhokseumawe, 2020 – 2024

CERTIFICATIONS

Junior Programmer Certification — BNSP (Indonesia National Professional Certification Agency)

SKILLS

Frontend:

- React.js, Next.js
- Vue.js, Nuxt.js
- Angular
- HTML, CSS, JavaScript, TypeScript
- Tailwind CSS, Bootstrap, shadcn/ui
- Zustand, Pinia, TanStack Query (React Query)
- REST API Integration, Axios, Fetch API
- Design to Code, SEO Basics, Responsive Design

Other:

- Node.js, Express.js, PHP
- React Native, Jetpack Compose, Flutter
- MySQL, PostgreSQL
- Git
- GitHub Actions
- AWS (EC2)

EXPERIENCES

1. Junior Programmer | Department of Communication, Informatics, and Cyber Security of the Aceh Provincial Government | Jul 2025 – Present

- Built and maintained responsive government web applications using React.js, Next.js, Tailwind CSS, shadcn/ui, and Bootstrap, with reusable components and scalable frontend architecture.
- Improved development speed by implementing reusable UI components using React.js and shadcn/ui.
- Integrated frontend applications with REST APIs.
- Improved application security using CORS, CSP, and secure development practices.

Tech Stack: React.js, Next.js, Tailwind CSS, TypeScript, PHP, Node.js, Golang, Codelgniter, Docker, React Native, Git, MySQL.

2. Full Stack Software Engineer | The Code | Feb 2025 – Jul 2025

- Built responsive web interfaces using Tailwind CSS to improve usability across devices.
- Designed and developed desktop application interfaces using Fyne with a focus on user experience and usability.
- Built a Go-based desktop application for data processing and conversion with integrated licensing features.
- Integrated external services for automation and data synchronization, including Google Sheets and shipping/courier services.
- Deployed and maintained applications on AWS (Amazon EC2) cloud infrastructure.
- Taught foundational programming concepts, Python, and problem-solving skills.

Tech Stack: React Native, Tailwind CSS, Golang, PHP, Laravel, JavaScript, Python, HTML, SQLite, PostgreSQL, Git, Amazon EC2.

3. Freelance Developer | Nov 2023 – Present

- Design, develop, and implement web and mobile applications according to client requirements, including information systems and custom business applications.

Tech Stack: Flutter, Python, Laravel, JavaScript, HTML, CSS, SQLite, MySQL

PROJECTS

1. Social Welfare System (SIKESOS) | <https://sikessos.acehprov.go.id>

SIKESOS (Social Welfare Information System) is a web-based application developed to manage and integrate data on beneficiaries, social welfare workers, social institutions, and assistance programs through a centralized platform. Built from scratch using Next.js, Tailwind CSS, shadcn/ui, MySQL, and Docker.

2. Satu Data | <https://satudata.acehprov.go.id>

Satu Data is a dynamic data management platform developed for the Aceh Government, enabling administrators to manage data from regencies/cities before publishing it to Open Data. The system includes dynamic form creation features. I was responsible for developing new features and maintaining the system. Built using Node.js, Next.js, MySQL, Redis, and Docker.

3. Tulis Surat | <https://tulissurat.com>

TulisSurat is a web platform for creating resumes, professional letters, and productivity tools quickly, with PDF and Word downloads without login. Built from scratch using Nuxt.js, Tailwind CSS, shadcn/ui, and MySQL.

4. JDIH | <https://jdih.acehprov.go.id>

JDIHN is a legal information system that provides fast and integrated access to legal documents and regulations, supporting accurate information services and legal certainty for the public. I was responsible for developing new features and maintaining the system. Built using PHP, CodeIgniter, and MySQL.

5. Saudara | <https://saudaradispora.acehprov.go.id>

SAUDARA is a web-based application for managing youth, sports, organizations, facilities, and achievement data in a centralized platform, with verification, reporting, and monitoring features. I was responsible for maintaining the system. Built using PHP, CodeIgniter, and MySQL.

6. Profilkes | <https://profilkes.acehprov.go.id>

E-Profilkes is a digital health data platform that provides fast, transparent, and centralized access to health indicators to support evaluation and decision-making. I was responsible for maintaining the system. Built using PHP, CodeIgniter, and MySQL.

7. ETL Profilkes2CKAN | <https://profilkes2ckan.etl.siat.web.id>

ETL-Profilkes is a data integration system that extracts, transforms, and synchronizes health data from the Health Profile application to the CKAN Open Data. Built from scratch using Node.js, Express.js, React.js, Tailwind CSS, and Docker.

8. ETL CKAN2SatuData | <https://ckan2satudata.etl.siat.web.id>

ETL CKAN2SatuData is a data integration system to extract, transform, and synchronize data from CKAN Open Data to the Satu Data Aceh Portal. I was responsible for developing new features and maintaining the system. Built using PHP.