

MUHAMMAD KUSWARI

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PERSONAL PROFILE

Senior Frontend Developer with 5 years of experience specializing in the modern JavaScript ecosystem (React.js, Next.js, TypeScript, and Vue.js). Proven track record of building complex, enterprise grade applications for Healthcare and E-Procurement sectors. Experienced in technical leadership, mentoring junior developers, and optimizing frontend performance to drive user engagement.

WORK EXPERIENCES

PT. CASTELLUM DIGITAL INDONESIA

Front-end Developer

Mataram, NTB | Apr 2021 – Present

- Led the front-end development for E-SISMAL (Malaria Information System) Ministry of Health/Kemenkes, building complex case reporting forms (data entry) and national surveillance dashboards using React.js and Bootstrap.
- Developed Jumpadokter App (Telemedicine Platform), building seamless user flows for online consultations and doctor appointment scheduling, ensuring an efficient booking experience for patients.
- Build the DigiHealthSpace e-learning platform, focusing on interactive course modules and optimizing video rendering for a smooth user experience across devices.
- Implemented strict data validation logic and integrated RESTful APIs to ensure accurate data submission for high traffic healthcare systems.

PT. ACARYA DATA ESA (DATASEA)

Front-end Developer

South Jakarta | Oct 2023 – Oct 2025

- Developed the BUMA E-Recruitment portal, optimizing the job application process for candidates and creating an intuitive admin dashboard for HR using Vue.js and TypeScript.
- Developed enterprise grade E-Procurement systems for major clients (Astra Otoparts, Arya Noble, Trakindo CAT), handling complex vendor management workflows, dynamic data tables, and secure authentication flows.
- Translating Figma designs into pixel perfect UI components, ensuring consistent branding across multiple corporate client platforms.
- Conducted performance optimization, including lazy loading and code splitting, which significantly improved load times for data heavy dashboards.

CV. LUMBUNG INOVASI

Intern Full-stack Web Developer

Mataram, NTB | Jul 2020 – Dec 2020

- Designed and developed an E-learning platform for UMKM, enabling small business owners to access digital training materials via a mobile-first responsive web interface.
- Build CRUD features for an internal web application using HTML, CSS, and JavaScript (With a Laravel Stack), ensuring reliable data management.

EDUCATION HISTORY

BUMIGORA UNIVERSITY

Bachelor of Computer Science (Software Engineering) GPA 3.54/4.00

Mataram, NTB | 2017 – 2021

- **Relevant Coursework:** Web Development, Object-Oriented Programming (OOP), Web Service Programming, E-Commerce, System Analysis & Design.
- **Thesis:** Implementation of Machine Learning to detect student learning style based on the VARK method use Naive Bayes Classifier Algorithm.

ORGANIZATIONAL EXPERIENCE

PROGRAMMING COMMUNITY BUMIGORA

Lead Instructor & Mentor

April 2018 –December 2019

- Mentored university student on Basic Algorithms and Web Programming, bridging the gap between academic theory and practical coding.
- Conducted hands-on workshops on Web Services & API Integration, preparing members for modern development practices.

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript (ES6+), HTML5, CSS3, SQL, PHP.
- **Frontend Frameworks:** React.js, Next.js, Vue.js, Nuxt.js.
- **State Management:** Redux (Toolkit), Zustand, Context API, Vuex, Pinia.
- **Styling & UI:** Tailwind CSS, Chakra UI, Material UI, Ant Design, Bootstrap, Responsive Design.
- **Backend & Integration:** Node.js, Express.js, Nest.js, Laravel, Codeigniter, RESTful API, JWT/OAuth, Axios.
- **Testing:** Vitest, Jest (Unit Testing) Cypress (E2E Testing).
- **Tools & DevOps:** Git (Github/Gitlab), Vite, Webpack, Figma (Dev Mode), Vercel, Netlify, CI/CD (Github Actions).
- **Methodologies:** Agile Scrum, Clean Code Principles.