

Bagus Adlan Fadhilah

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SUMMARY

Motivated Full Stack Developer with 2 years of experience building modern and responsive web interfaces using Next.js, Nuxt, React.js, and Vue.js. Passionate about becoming a Fullstack Developer, with growing experience in backend development using Express.js and Hono. Eager to expand technical skillset, contribute across the full development stack, and take on new challenges in building complete and scalable web applications.

EDUCATION

(PENS) Politeknik Elektronika Negeri Surabaya (3.5 GPA) <i>Associate Degree in Informatics Engineering</i>	Surabaya 2019 – 2022
SMAN 1 Mejayan <i>High School Diploma</i>	Madiun 2016 – 2019

EXPERIENCE

Fullstack Developer - Fulltime <i>PT. Molca Teknologi Nusantara</i>	Apr 2025 – current Surabaya
<ul style="list-style-type: none">Build and delivered new features of E-Commerce website to enhance product functionality and user experienceRefactor application logic by moving heavy data processing from frontend to the backend, ensuring cleaner architecture, and reduced client-side complexityImproved system stability and reliability by resolving critical issues and transforming messy code into maintainable solutionsDeveloping OEE monitoring web application, collaborated with UI/UX designers to slice and implement designs into functional and user-friendly interfaces	
Frontend Developer - Fulltime <i>PT. Toeng Makmur</i>	Jul 2024 – Mar 2025 Surabaya
<ul style="list-style-type: none">Build an E-Commerce website with Admin PanelWrite code that is clean, structured, and easy to maintain using Next.js, Typescript, Redux, etcMake reusable component with plain ReactCollaborate with the backend team to create the effective way for application flow	
Fullstack Developer - Freelance <i>PT. Texio Mitra Digitalisasi Indonesia</i>	Aug 2024 – Oct 2024 Surabaya
<ul style="list-style-type: none">Developed a CRM system with Sales and Manager roles for handling Subscription Forms and Interconnection Request Forms.Enabled Managers to review and approve submissions from Sales users through an approval workflow.Implemented PDF generation for approved forms to support official documentation needs.	
Frontend Developer - Freelance <i>Pilarmedia Indonesia</i>	Feb 2024 – Jun 2024 Surabaya
<ul style="list-style-type: none">Build a Software Logistic Management System, especially for Fleet Management, Invoice modules, data master, etcWrite code that is clean, structured, and easy to maintain using Next.js, Typescript, Redux, etcCollaborate with the backend team to create the effective way for application flow	
Backend Developer - Intern <i>Adamlabs - Wahana Gunilang Group</i>	Jun 2021 – Sep 2021 Surabaya
<ul style="list-style-type: none">Build an admin website that provides a dashboard for patient data and hospital examinationsResponsible for developed REST API using Express.js and PostgreSQL to store data from laboratorium management systemsImplement Agile and Scrum as the SDLC to develop the application	

PROJECTS

- OEE Monitoring Web App (ajinomoto) – Fullstack Dev** | *Nextjs, hono, TS, Nx* Mei 2025 – current
- Built multiple modules from UI slicing to API integration using Nx Monorepo architecture for scalable and maintainable code.
 - Integrated Single Sign-On (SSO) for secure and seamless authentication across applications.
 - Developed RESTful APIs for OEE data processing and reporting using existing function
- E-Commerce (catalog.speedsindo.com) – Fullstack Dev** | *Nuxt 3, expressjs, Typescript* Apr 2025 – current
- Developed and implemented new features such as product filtering, wishlist, and order history.
 - Optimized frontend and backend performance, reducing load time and improving database query efficiency.
 - Maintained and fixed bugs to ensure platform stability and optimal performance.
- E-Commerce Online Store – Frontend Dev** | *Nextjs 15, Typescript* Jul 2024 – Mar 2025
- Create UI Component from scratch
 - Separate Server Component & Client Component to increase SEO and decrease server workflow
 - Build Admin Website to manage the data with Nextjs 14
 - Slicing from design to website and fully responsive
- Software Logistic Management System – Frontend** | *Nextjs 12, Typescript, Redux* Feb 2024 – Jun 2024
- Develop a logistic web application using Nextjs and Typescript
 - Collaborate with Backend Team to make the best flow for the application
 - Consume API from the backend
- Online Training Management – Fullstack Developer** | *Reactjs, Express.js, MySQL* Des 2023 – Jan 2024
- Develop a full-stack web application using Expressjs as a REST API and React.js as the frontend
 - Create a RESTful API with multiuser login
 - Slicing from design to a web application
 - Build a reusable component in React.js
- Laboratorium Information Management System** | *Express.js, PostgreSQL* Jun 2021 – Sep 2021
- Develop a full-stack web application with Express.js as a backend and Nuxt.js as a frontend
 - Develop and implement RESTful APIs using Expressjs to facilitates communication between frontend and backend
 - Responsible for designing efficient database structures that meet business requirements

TECHNICAL SKILLS

Languages: Typescript, JavaScript, PHP

Frameworks: Next.js, Nuxt.js, NestJS, Express.js, Hono.js, Vue.js, React.js, Laravel, NX Monorepo

DBMS/ORM: MySQL, PostgreSQL, MongoDB, Prisma, Drizzle, Sequelize

Developer Tools: Git, Postman, Docker

Libraries: Threejs, Redux, Zustand

CSS Frameworks: Material UI, Tailwind CSS, Shadcn UI, Next UI

ORGANIZATION

Young Staff of the External Relations Department

Jan 2020 – Jan 2021

Himpunan Mahasiswa Teknik Informatika PENS

- PIC of student associate online visiting for HMIF ITB
- PIC of student associate online visiting for HIMATIF PNM

CERTIFICATES

Web Programming Fundamentals <i>dicoding.com</i> <ul style="list-style-type: none">• Practice HTML with best practices to build SEO-friendly websites	Dec 24, 2024
Microservices Architecture Development <i>dicoding.com</i> <ul style="list-style-type: none">• Building microservices architecture using Kubernetes	Jan 1, 2024
CI/CD Implementation <i>dicoding.com</i> <ul style="list-style-type: none">• Create CI/CD pipeline using Jenkins	Aug 30, 2023
Back-End Development Using JavaScript and Node.js <i>kelas.com</i> <ul style="list-style-type: none">• Training on creating RESTful APIs with Express.js	Aug 20, 2023
Linux System Administrator <i>dicoding.com</i> <ul style="list-style-type: none">• Learn Linux from basic to advanced levels, including SSH, containers, etc	Aug 8, 2023
C Programming Fundamentals <i>dicoding.com</i> <ul style="list-style-type: none">• Learn the fundamentals of the C programming language	Apr 6, 2023
Computer Networking Fundamentals <i>dicoding.com</i> <ul style="list-style-type: none">• Learn computer networking including NGINX, firewall configuration, reverse proxy, etc	Apr 4, 2023
DevOps Fundamentals <i>dicoding.com</i> <ul style="list-style-type: none">• Understand the culture, practices, and tools used in DevOps	Mar 28, 2023
Back-End Application Development for Beginners <i>dicoding.com</i> <ul style="list-style-type: none">• Hands-on practice building RESTful APIs using Hapi framework and implementing unit tests with Jest	Mar 26, 2023
JavaScript Programming Fundamentals <i>dicoding.com</i> <ul style="list-style-type: none">• Learn functional programming, OOP, asynchronous JavaScript, and other core concepts	Mar 21, 2023
AWS Cloud Practitioner Essentials <i>dicoding.com</i> <ul style="list-style-type: none">• Understand the fundamentals of cloud computing and AWS services	Mar 19, 2023