

ADITYA FIRMANSYAH

Senior Software Engineer | Full-Stack Developer

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PROFESSIONAL SUMMARY

Software Engineer with 13+ years of experience designing and building scalable web, backend, and mobile applications. Experienced across the full software development lifecycle using React, Next.js, Node.js, NestJS, TypeScript, and WordPress. Proven expertise developing enterprise logistics platforms, microservices, API integrations, and cloud-native applications deployed on Kubernetes. Strong advocate of clean architecture, code quality, and collaborative engineering practices.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3

Frontend: React, Next.js, React Native

Backend: Node.js, NestJS, REST APIs, gRPC, Microservices

CMS: WordPress, Shopify

Infrastructure: Kubernetes, Git, CI/CD

Databases: MySQL, PostgreSQL

Practices: API Integration, Code Review, Agile Development, Software Architecture

PROFESSIONAL EXPERIENCE

CTO | *GOSG Consulting*

Aug 2024 – Jul 2026

- Builds the product and designs the application architecture.
- Makes technical decisions and defines coding standards.
- Mentors other developers and helps turn business ideas into technical plans.
- Estimates timelines and technical risks, and manages server infrastructure.

Software Engineer | *pickupp (Singapore)*

Apr 2019 – Jul 2024

- Developed and maintained enterprise logistics platforms using React, Next.js, Node.js, and NestJS.
- Built scalable backend microservices in TypeScript communicating through gRPC.
- Integrated UPS shipping APIs to expand merchant delivery options and pricing capabilities.
- Contributed to Merchant Portal, Admin Portal, Fleet Portal, Landing Page, User App, and Delivery Agent App.
- Participated in code reviews, improving maintainability and engineering quality.
- Deployed and maintained services in Kubernetes environments to support scalable production workloads.

Tech Stack: *React • Next.js • Node.js • NestJS • TypeScript • JavaScript • Kubernetes • gRPC*

Full-Stack Developer | *WebDesignHamburg.net*

May 2018 – Apr 2019

- Developed and maintained custom web applications for international clients.
- Implemented frontend and backend features based on business requirements.
- Delivered responsive and maintainable web solutions.

Senior Web Application Developer | *Incuvius*

Sep 2013 – May 2018

- Developed custom web applications and resolved complex technical issues.
- Maintained existing applications while implementing new functionality.
- Collaborated with clients to deliver reliable software solutions.

- Built custom website features and enhancements.
- Debugged, optimized, and maintained production websites.
- Supported frontend and backend development across multiple client projects.

CERTIFICATIONS

- JavaScript Course
- CSS Fundamentals
- jQuery Course

LANGUAGES

Indonesian: Native

English: Professional Working Proficiency