

PRAMUDITYA FAIZ ARDIANSYAH

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SUMMARY

Software engineer with the main focus of web development in building scalable web applications and system architecture. specialized in the JavaScript ecosystem (React, Node.js). Proven experience in leading development teams and optimizing web presence for SEO and performance. With a unique technical background in Game Development and Machine Learning.

PROJECTS & EXPERIENCES

Lead Fullstack Developer, GradeMind (Senopati ITS) Sep 2025

- Led development of an LMS platform (similar to Google Classroom) with automated AI Grading System.
- Architected the system design, establishing coding standards and best practices for both backend (Python Fast API) and frontend (NextJS).
- Integrated AI capabilities by building an Essay Auto-Grader, utilizing Machine Learning concepts to reduce grading time for educators.

Web Developer, Datatech Utama Perkasa Jan 2024

- Developed a high-performance company landing page from scratch, implementing a modern, responsive design system that ensures consistency across all devices.
- Optimized the site architecture for SEO, significantly improving search engine visibility and load speeds.

Game Dev Creator, Fortnite (UEFN) March 2024

- Designed and programmed popular game modes using Unreal Editor for Fortnite (UEFN), generating revenue through active user engagement.
- Managed real-time multiplayer concurrency and optimized network replication to ensure smooth gameplay for simultaneous users.
- Utilized advanced Version Control workflows to manage rapid iteration cycles and asset management.

COMPETENCIES

Skills — JavaScript, TypeScript, SQL, React, NextJS, Tailwind CSS, Express, HonoJS, DrizzleORM, Prisma, Tanstack, Python (Basic), Verse

Concepts — Scalable System Design, Basic Cloud Architecture, SEO Optimization, Responsive Design, Machine Learning (Trading Algorithm & NLP Basics)

EDUCATION & CERTIFICATION

Bachelor of Informatics Engineering 2023 - Ongoing

Institut Teknologi Sepuluh Nopember (ITS)

- Relevant coursework in Process Design and Project Management.

AWS Cloud Foundations 2024

AWS Academy

- Mastered core services such as EC2 (Compute), S3 (Storage), and RDS (Database), creating a foundation for deploying scalable web applications in the cloud.