

ADITYA WIRYA MAULANA

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A highly curious, self-motivated, and innovative back-end developer with extensive knowledge and 4+ years of experience who always strives for excellence and consistently produces high-quality results by using clean programming architecture, developing features, and optimizing application performance. Proven success in improving the system performance.

Work Experiences

SALT - Jakarta, Indonesia

Jan 2021 - Present

Full Time Senior Back-End Developer

- Developed AI for summarization and query generation in the Cascade project, enhancing data visualization.
- Developed and maintained a big data project for Telkomsel using cutting-edge technologies like TypeScript, Kafka, Golang, Redis, and Docker, driving significant performance improvements.
- Refactored and migrated from monolithic architecture to microservices, implementing design patterns, clean architecture, TDD, and DDD, leading to enhanced scalability and maintainability.
- Achieved up to 1 million data performance optimization by implementing temporary and caching databases, and successfully improved broadcast reach to 100K people.

Kosambi Maternal and Children Center (KMNC) - Jakarta, Indonesia

Jan 2023 - Present

Freelance Back-End Developer

- Developed and implemented Teman Ibu chatbot, enhancing patient interaction and support, contributing to a 20% increase in user engagement. Managed a robust database system handling over 100K patient records and 30K+ appointments across multiple branches, maintaining data integrity and optimizing query performance. Oversaw frontend, backend, server, and DevOps operations, ensuring seamless integration and system reliability across the clinic's digital platforms.

Tumbuh Agency - Jakarta, Indonesia

Oct 2023 - Present

Freelance Back-End Developer

- Worked to handle their conference, Carbon Conference. Developed a system managing 100+ million international payments with 99.9% uptime.
- Streamlined workflows, reducing payment errors by 20%
- Optimized transaction processing, managing high-volume payments with minimal latency.

PT Gudang Karcis Indonesia - Jakarta, Indonesia

Jan 2024 - May 2024

Freelance Back-End Developer

- Developed and optimized a payment gateway and queue management system, reducing transaction time by 30% and ensuring zero downtime during peak traffic.
- Built a comprehensive content management system, increasing productivity by 25%, and enhanced advertising platforms, boosting conversion rates by 15%.
- Integrated third-party payment providers and ensured compliance with security standards, achieving a 99% success rate in payment processing.

PT Yureka Teknologi Cipta - Yogyakarta, Indonesia

Aug 2021 - Feb 2023

Part Time Back-End Developer

- Built and maintained an English education platform and TOEFL prediction system using Golang and MongoDB, boosting user engagement by 30% and cutting response times by 40%.
- Developed an international advertising project with JavaScript and ExpressJS, increasing campaign effectiveness by 25%.
- Developed the Kimia Farma medical delivery project, improving delivery efficiency by 50%.

Education Level

Universitas Bina Nusantara - Jakarta, Indonesia

May 2024 - Jul 2027 (Expected)

Undergraduate in Information System

SALT BootCamp - Jakarta, Indonesia

Aug 2020 - Jan 2021

Full Stack Javascript Developer

- Awarded Best Graduate from the Full Stack JavaScript Developer BootCamp for outstanding technical skills, mastery of advanced concepts, and top-performing projects.

SMA Don Bosco - Padang, Indonesia

Aug 2017 - Jul 2020

High School Diploma in Natural Science

Skills, Achievements & Other Experience

- **Programming:** Go - TypeScript - Javascript
- **Framework:** React + Next JS - Angular - ExpressJS - Gin - Gorilla - Mux
- **Technology:** Docker - gRPC - Kafka - RabbitMQ - GraphQL - Krakend - Kubernetes - CICD - Linux
- **Monitoring:** Newrelic - Grafana - Telegraf - Prometheus - Cypress
- **Database:** MongoDB - MySQL - PostgreSQL - Redis - Influx DB - Firebase - Redshift - RDS Postgresql - S3 Bucket