IMAM AL ARISYI

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SUMMARY

Backend & Platform Engineer with 3+ years of experience designing secure, distributed, and cloud-ready systems. Specialized in authentication platforms (OAuth2/JWKS), service communication (gRPC/Kafka), observability (Prometheus/Grafana), and infrastructure security monitoring (Wazuh/Suricata). Strong focus on scalability, reliability, and developer experience. Certified in penetration testing, cloud foundations, and information security compliance.

SKILLS

Languages: TypeScript, Go, Java
Backend: NestJS, Express, Fiber, Spring Boot, gRPC, Kafka
Security: OAuth2, JWT/JWKS, RBAC, OWASP, eJPT methodology
Cloud/Infra: GCP, Docker, Linux, Ansible, Redis, GitHub Actions
Observability: Prometheus, Grafana
SIEM/IDS: Wazuh Manager, Suricata IDS
Databases: PostgreSQL, MySQL, MongoDB, Redis

EXPERIENCE

Backend & System Developer Engineer — PT Putra Perkasa Abadi (PPA)   Apr 2024 – Present

- Designed microservices using gRPC and Kafka, improving reliability and scalability across 10+ internal workloads.
- Built OAuth2/JWT/JWKS-based authentication platform integrated with 10+ applications, reducing login failures and password-reset incidents by ˜40%.
- Implemented Prometheus + Grafana observability for infrastructure, PM2-based workloads, and database performance monitoring (MySQL/PostgreSQL), accelerating diagnostic workflows.
- Architected and deployed Wazuh SIEM with Suricata IDS across 40+ production servers, improving threat detection and audit visibility.

Software Developer — PT Kaltim Adhiguna Dermaga   Sep 2023 – Apr 2024

- Developed secure backend APIs supporting authentication and RBAC, improving access governance and audit compliance.
- Enhanced operational workflows by modernizing internal tools and reducing manual processing time.

Software Developer — PT Intersolusi Teknologi Asia (BTS.id)   Oct 2022 – Jun 2023

- Built scalable full-stack platforms using NestJS and Angular, improving maintainability and deployment reliability.
- Migrated storage systems to AWS S3, increasing durability and reducing outages caused by on-prem storage failures.

Frontend Developer (Outsourced to TechMahindra)   Nov 2022 – Dec 2022

- Delivered responsive Angular interfaces in a production environment, collaborating with QA teams through SIT & UAT.

PROJECTS

- **SSO Platform (OAuth2/JWKS)** — Built an authentication platform integrated with 10+ internal applications, improving security consistency and enabling centralized identity.

- **Security Monitoring Platform (Wazuh + Suricata)** — Deployed SIEM/IDS solution across 40+ production servers, enabling real-time detection of anomalies and strengthening audit visibility.

- **Prometheus + Grafana Observability Stack** — Implemented infrastructure and database performance monitoring for PM2 workloads, MySQL, and PostgreSQL, improving troubleshooting efficiency.

- **Fleet Telemetry Platform** — Real-time telemetry ingestion using MQTT, Redis, and WebSockets, supporting operational dashboards for mining operations.

- **HRIS Microservices** — Modernized HRIS functions using NestJS, Redis, and Kafka, improving scalability and performance.

CERTIFICATIONS

- **INE Certified Cloud Associate** — INE

- **ISO/IEC 27001:2022 Information Security Associate™** — Skillfront

EDUCATION

Bachelor of Engineering in Informatics, Hasyim Asy'ari University Tebuireng   2015 – 2019