

UTTE NIKKI S

Software and Infrastructure Engineer

Contact

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Summary

I am a passionate and skilled Software and Infrastructure Engineer with experience in backend development, cloud infrastructure, and fullstack development. I have successfully delivered projects for large clients while optimizing system performance. I thrive in a collaborative environment leveraging new technologies.

Professional Experience

Backend Engineer (Senior)

PT. Ogya Tekno Nusantara | Jakarta Selatan | 01/2024 - Now

- Built and maintained robust backend systems for web, mobile, and desktop applications, supporting up to 1000,000+ concurrent users.
- Designed and optimized database structures, queries, and indexes, reducing query response times
- Implemented scalable architectures capable of handling traffic loads and ensuring high availability.
- Secured systems by integrating authentication protocols (e.g., OAuth, JWT) and data encryption, compliance with security standards.
- Delivered high-quality code using leveraging unit and integration testing practices.
- Deployed monitoring tools like NewRelic, Datadog, and Grafana, improving system performance visibility

Cloud Engineer (DevOps)

PT. Jojonomic Mekari | Jakarta Selatan | 05/2023 - 11/2023

- Designed and deployed cloud solutions across platforms like AWS, Google Cloud, and on-premises systems
- Configured auto-scaling and fault-tolerant infrastructure
- Developed CI/CD pipelines with Jenkins and GitLab CI/CD
- Implemented Infrastructure as Code (IaC) using Terraform and Ansible
- Monitored and optimized cloud resource usage

Backend Engineer

PT. Uninet Media Sakti | Jakarta Selatan | 11/2021 - 05/2023

- Build and maintain backend systems, develop server-side logic and APIs for web, mobile, or desktop applications.
- Database design and management, ensure efficient database structure, implement queries, and optimize database performance
- Implement scalable architectures, build systems capable of handling large traffic loads and complex business logic
- Data security Implement authentication (e.g., OAuth, JWT), authorization, and secure data storage practices.
- Unit and integration testing, write automated tests to ensure code reliability.

Supervisor IT (Fullstack)

PT. Enzim Bioteknologi Internusa | Depok | 02/2018 - 11/2021

- Team leadership, manage and mentor IT team members, including developers, sysadmins, and support staff.
- Project coordination, plan, execute, and oversee IT and development projects to ensure timely delivery.
- Resource allocation, assign tasks and manage resources efficiently to achieve team goals
- Policy implementation, enforce IT policies, best practices, and security measures.

Infrastructure Engineer

PT. Dian Graha ElektriKA | Jakarta Timur | 06/2015 - 02/2018

- Managed infrastructure projects for clients at STMIK Perbanas Institute
- System architecture, design and implement on-premises or hybrid infrastructure.
- Server setup and management
- Network architecture plan and manage LAN/VLAN, VPNs, and firewall configurations
- Troubleshooting and Support

Educations

- Bina Sarana Informatika - D3
- STMIK Nusa Mandiri - S1

Certifications

- MTNCA (IDN Networkers)
- AWS Cloud Operations
- AWS Architecting
- AWS Technical Essentials
- AWS Developing
- AWS DevOps Engineering

Technical Skills

Programming Languages & Frameworks :

Node.js, Typescript, Python, PHP, GO, Java, Django, Flask, ExpressJS, NestJS, Laravel, Spring Boot, Gin, Echo

Cloud & DevOps :

AWS, GCP, Docker, Kubernetes, CI/CD, Jenkins, GitLab

Databases :

MySQL, PostgreSQL, DynamoDB, Cassandra, MongoDB, Redis

Tools & Technologies :

Ansible, API Gateway, Nginx, Grafana, Datadog, Firebase, Newrelic, Apache, KONG,

Web Technologies :

Javascript, HTML, CSS, Bootstrap, Tailwind, GraphQL, REST, Web Socket

Operating Systems :

CentOS, Linux, Ubuntu

Network Technologies :

DHCP, IPSec, Firewall, Network Configuration, TCP/IP, PABX