



Ilham Sulaksono

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Professional Summary

Site Reliability Engineer with 7+ years of experience designing, automating, and maintaining scalable cloud infrastructure. Skilled in AWS, Kubernetes, and Terraform, with experience leading initiatives in cost optimization, security improvements, and operational automation.

Languages

- Indonesian - Native
- English — C2 Proficient (EF SET Certificate : <https://cert.efset.org/en/n3ZoTv>)

Skills

- **Cloud** : AWS, Azure, Google Cloud Platform
- **Containerization & Orchestration** : Kubernetes, Docker
- **Infrastructure as Code** : Terraform, AWS CloudFormation, Helm
- **Automation & Scripting** : Bash, PowerShell, Python

Professional Experience

- **Principal Site Reliability Engineer** | CATAPA - 3S Payroll (Jan 2024 – Jan 2026)
CATAPA is a payroll solution that empowers small, medium, and large enterprises to work more efficiently and productively by improving HR processes, and is trusted by over 300 companies.
 - Managed a 3-person SRE team to improve platform reliability and performance.
 - Automated operational tasks, such as SQL execution, database backup and deployment processes, saving ~15 hours/week of manual effort.
 - Strengthened infrastructure security by remediating dozens of vulnerabilities identified in penetration tests.
 - Optimized cloud costs by ~25% using AWS Spot Instances, migrated from EFS to S3 CSI, and optimized NAT Gateway usage.
- **Senior Site Reliability Engineer** | CATAPA - 3S Payroll (Jan 2022 – Jan 2024)
 - Maintained Kubernetes cluster availability at 99.9% uptime.
 - Migrated workloads (Kubernetes and Databases) from Singapore region to Jakarta region with a downtime of less than 15 minutes.
 - Maintained on-premise infrastructure at ~99% uptime in a constrained access environment.

- Enhanced task automation security using AWS SSM and AWS Batch, and strengthened overall infrastructure security with AWS DNS Firewall, GuardDuty, and Route 53 DNSSEC.
- **Site Reliability Engineer** | CATAPA - 3S Payroll (Jan 2021 – Jan 2022)
 - Improve infrastructure integrity by implementing Infrastructure as a code using Terraform Cloud.
 - Migrated and improved CI/CD pipeline to new managed platform to save effort on managing CI/CD platform.
- **System Engineer** | Xtremax PTE Ltd (Mar 2019 – Dec 2020)

Xtremax PTE LTD is a Singapore-based leading cloud solutions provider that transforms and maximizes digital capabilities for some of the region's most prominent organizations. The company has become a trusted partner of Singapore government agencies, multinational corporations (MNCs), and private enterprises.

 - Collaborated with Solution Architects to design infrastructure in several cloud platforms.
 - Automated cloud architecture deployments using AWS CloudFormation
 - Managed Kubernetes clusters and Linux/Windows server environments.
 - Configured and maintained Check Point NGFW and Imperva WAF for enterprise security.
 - Automated monitoring reports using Zabbix and AWS Lambda.
 - Documented SOPs, RFCs, and infrastructure build documents.
- **System Engineer** | Xtremax Teknologi Indonesia (Jul 2017 – Mar 2019)

Xtremax Teknologi Indonesia, located in Bandung, is a subsidiary of Xtremax PTE LTD in Singapore that supports the development of solutions and helps address technical and business challenges across the Xtremax group.

 - Configured and maintained Nginx reverse proxy and internal proxy using Nginx and Lua.
 - Automated infrastructure tasks using Python (AWS Lambda), Bash, and PowerShell.
 - Developed AWS compliance checks using Lambda and AWS Config.
 - Configured AWS CloudFront and WAF for CDN solutions.

Education

- Bachelor of Computer Science | Universitas Gadjah Mada (UGM), 2013 - 2017

Certifications

- Certified Kubernetes Administrator (CKA) - The Linux Foundation
- Kubernetes and Cloud Native Associate (KCNA) - The Linux Foundation
- AWS Certified Solutions Architect - Associate