



SYAUQI NUR MUHAMMAD

+62 85771846170 | syqi.nrm@gmail.com | syauqinrm.com
linkedin.com/in/syauqinrm | credly.com/users/syauqinrm
Semarang, Central Java

Entry-level IT infrastructure engineer with a degree in Computer Engineering Technology. Certified in RHCSA and MTCNA, with hands-on experience primarily in RHEL environments as well as multi-distribution Linux servers. Skilled in performing routine preventive and corrective maintenance. Experienced in deploying high-availability database clusters (MariaDB/Percona), implementing end-to-end data encryption, and analyzing system logs for troubleshooting. Committed to continuous learning and eager to contribute hands-on expertise to deliver secure and resilient infrastructure solutions.

Education

Semarang State Polytechnic - Semarang, Indonesia

Sept 2021 - Sept 2025

Bachelor of Applied Engineering degree in Computer Engineering Technology, 3.58/4.00

Final Project: Development of an Intelligent System for Identifying Coffee Roasting Levels Using Deep Learning Models.

Integrated Islamic Vocational High School Ihsanul Fikri Mungkid - Magelang, Indonesia

Jun 2018 - Jun 2021

Vocational High School Diploma in Computer and Network Engineering

Experiences

PT. Bajau Escorindo - South Jakarta, Indonesia

Sept 2024 - Jan 2025

System Engineer at IT Delivery Service Dept. (Contract)

- Executed routine preventive maintenance, log analysis, and troubleshooting across diverse Linux distributions to ensure optimal system performance and reliability.
- Participated in deploying High Availability (HA) environments using MariaDB Galera and Percona XtraDB Clusters, implementing strict end-to-end encryption (AES & SSL/TLS) for data security.
- Developed a Python-based tool to automate Preventive Maintenance reporting and collaborated on a Chef PoC for RHEL 8 server hardening based on CIS Benchmarks.

PT. Telkom Akses - Surakarta, Indonesia

Aug 2024 - Sept 2024

Student Internship at Survey, Design & Inventory Dept. and Fiber Academy Dept. (Internship)

- Developed a Telegram Chatbot to support the Survey, Design & Inventory (SDI) division in searching for and compiling ODP data. Implemented unique code-based commands to enable efficient data retrieval, significantly enhancing workflow automation and data accessibility for regional teams.
- Gained hands-on technical experience in fiber optic cable splicing using precision splicer equipment to support network maintenance and installation tasks.
- Assisted in preparing and conducting introductory training sessions on fiber optic technology and network infrastructure for new employees.

PT. Kinema Systrans Multimedia: MSIB Kampus Merdeka - Batam, Indonesia

Feb 2024 - Jun 2024

Hybrid Cloud & Red Hat System Administrator (Study Independent)

- Engineered robust security policies by configuring Access Control Lists (ACLs) for user access management, while also optimizing system performance through server cache tuning and the implementation of monitoring tools.
- Designed and implemented load balancing strategies to effectively distribute network traffic across multiple proxy servers, ensuring high availability and system resilience.
- Validated these practical Linux administration and automation skills by successfully earning the Red Hat Certified System Administrator (RHCSA) certification.

Certificates

Fortinet Certified Associate Cybersecurity - Fortinet

Nov 2025 - Nov 2027

Fortinet Certified Fundamentals Cybersecurity - Fortinet

Nov 2025 - Nov 2027

MikroTik Certified Network Associate (MTCNA) - MikroTik

Mar 2025 - Mar 2028

Big Data Analyst Associate - Solusi247

Jul 2024 - Jul 2028

Red Hat Certified System Administrator (RHCSA) - Red Hat

Jun 2024 - Jun 2027

Organizational Experience

Student Executive Board of Semarang Polytechnic

Aug 2022 - Jun 2023

Deputy Ministry of Communication & Information

- Responsible for creating content and designs to optimize all social media platforms.
- Publish contents covering various events and phenomena happening both within and outside the campus.
- Responsible for facilitating effective communication between the campus, students, and the society through information distribution.

Skills

Technical

- OS: Red Hat Enterprise Linux (RHEL), Rocky Linux, Alma Linux, CentOS, Ubuntu, SUSE, Windows Server.
- Cloud & Virtualization: AWS, Google Cloud Platform, Alibaba Cloud, Proxmox, VMware.
- Database: MySQL, MariaDB, PerconaDB, PostgreSQL.
- Containerization: Docker, Podman.

Personal

- Fast Learner.
- Creative Thinking.
- Problem-Solving.
- Teamwork & Collaboration.
- Time Management.