

ADE NAUFAL RIAN TO

Network Engineer | Network Operations | High Availability & Secure Connectivity

Jakarta / West Java, Indonesia

Phone : +6281385436440

Email : adenaufalr@gmail.com

Linkedin : <https://www.linkedin/in/ade-naufal-rianto>

PROFESSIONAL SUMMARY

Network Engineer with 7+ years of experience in IT and telecommunications environments, specializing in routing, switching, WAN, and IP-based network infrastructure. Proven expertise in designing, implementing, monitoring, and troubleshooting enterprise and service provider networks. Strong capability in maintaining high availability, performance, and security in mission-critical environments. Juniper-certified professional with solid operational and analytical skills. Strong focus on high-availability network operations, service reliability, and continuous improvement in enterprise environments.

CORE TECHNICAL SKILLS

- Network Design & Operations
 - Routing & Switching (BGP, OSPF, IS-IS)
 - WAN, LAN, VPN, MPLS
 - Juniper JunOS (MX, EX, SRX Series)
 - High Availability & Load Balancing
 - VLAN, STP, RSTP, MSTP, MC-LAG
 - Firewall & Network Security
 - IPv4, IPv6, IP Addressing & Subnetting
 - Network Monitoring (SNMP, Syslog, NTP)
 - Troubleshooting & Incident Management
 - Network Documentation & Topology Diagram
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PROFESSIONAL EXPERIENCE

Network Engineer

PT NEC Indonesia – South Jakarta, Indonesia

Feb 2023 – Dec 2025

- Design, implement, and maintain LAN, WAN, and VPN network infrastructures
- Configure, manage, and troubleshoot routers, switches, and firewalls
- Monitor network performance to ensure high availability, reliability, and security
- Handle network incidents, root cause analysis, and change management activities
- Coordinate with internal teams and clients for on-site technical support
- Develop and maintain network documentation, configurations, and topology diagrams

IT Support Technician

PT NEC Indonesia – South Jakarta, Indonesia

Apr 2018 – Feb 2023

- Provided daily technical support for hardware, software, and network issues
- Installed, configured, and maintained PCs, laptops, printers, and peripherals
- Troubleshoot Windows OS and office productivity applications
- Supported basic networking including LAN, Wi-Fi, and IP addressing
- Managed IT support tickets, escalation processes, and asset documentation

IT Consultant (Engineering on Site)

PT Kimia Farma Apotek – Bekasi, Indonesia

Apr 2018 – Sep 2021

- Delivered on-site IT support for retail pharmacy branches
- Installed and maintained POS systems and branch network infrastructure
- Troubleshoot internal applications and operational systems
- Coordinated incident resolution with head office IT teams
- Provided user training and ensured operational system stability

Administration Project

PT Tirta Alam Segar (Wings Food) – Cibitung, Indonesia

Jan 2016 – Aug 2017

- Manage project administrative documentation and reports
- Support coordination between project teams and related stakeholders
- Monitor project progress and prepare periodic status reports
- Handle document control, filing, and correspondence
- Provide administrative support for on-site project operations

PROJECTS

- **IoT-Based Smart Door Lock System**
Designed and implemented an Arduino-based smart door lock system focusing on secure access control and system reliability
- **Sales Information System (Web-Based)**
Developed a web-based sales information system used as practical learning material for Junior Web Developer professional certification
- **Undergraduate Thesis – Data Mining**
“Implementation of Data Mining Sales of Over-the-counter Drugs with Apriori Algorithm (Case Study: Kimia Farma Pharmacy Summarecon Bekasi).”, completed with excellent results and graduated with honors (Cumlaude)

EDUCATION

Bachelor's Degree in Computer Science

Universitas Bhayangkara Jakarta Raya

2017 – 2021

GPA: **3.59 / 4.00**

Actively involved in student organization (UKM Pena Muda) and served as Event Committee Chair for “Penanniversary: Malam Puisi – Harmoni Simfoni”, which received media coverage (Liputan6).

CERTIFICATIONS

- Juniper Networks Certified Specialist – Service Provider Routing & Switching (JNCIS-SP)
- Juniper Networks Certified Associate – Junos (JNCIA – Junos)
- Junior Web Developer – BNSP
- TOEFL ITP - Englishvit

ADDITIONAL SKILLS

- Python (Basic)
- PHP, MySQL
- Linux (Basic)
- Microsoft Office

LANGUAGES

- Indonesian – Native
- English – Intermediate