Muhammad Nabeel Ar'Rafi

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PROFESSIONAL SUMMARY

Computer Engineering Technology student at IPB University (GPA 3.91/4.00) with hands-on Linux server administration experience across development and production environments for corporate clients, including G4S Security Services. Works with Linux, Docker, Git, and CI/CD tools (GitLab CI, Jenkins), and monitors systems with Prometheus and Grafana. CompTIA Linux+ certified.

EDUCATION

IPB University July 2024 – Present
Computer Engineering Technology, School of Vocational Studies | GPA: 3.91/4.00

SMK Negeri 1 Cibinong July 2020 – May 2024
Information Systems, Networks, and Applications | Final Score: 88.56/100

WORK EXPERIENCE

PT SOLU FILANTROPI TEKNOLOGI | Internship (Mar 2023 – Dec 2023), then Contract (Jan 2024 – May 2024)
IT Support Engineer, Client Delivery Team September 2023 – May 2024

- Served as the sole technical engineer in a four-person client delivery team (product manager, technical writer, designer), handling all on-site technical work for PLN Nusantara Power and G4S Security Services.
- Maintained the PION (PPE Identification) system at PLN Nusantara Power: fixed network configurations, serviced hardware, replaced faulty mini PCs, and deployed application updates to servers across 4 sites, keeping the system available.
- Performed the initial server configuration for the Digital Office project (G4S), then deployed the application (setup and updates) to the production server.
- Installed 26 devices IoT devices at 5 room, 21 desk, and integrated them with the Digital Office application.
- Tested PION, Digital Office, and HSE applications internally before release, finding 20+ bugs, and supported the product manager during User Acceptance Testing (December 2023) with 4 users.
- Set up and ran live demos at The 3rd Nickel Producers, Processors & Buyers Conference on 7-8 May 2024 of PION and Digital Office application at a mining conference openbooth, configuring the server, CCTV, MikroTik router, and phones and tablets in demo mode.
- Wrote technical documentation for each configured system: network topology, IP address table (application server, CCTV for people tracking, IoT devices), system architecture, and tech stack.

PT SOLU FILANTROPI TEKNOLOGI
IT Support Intern, R&D Team March 2023 – August 2023

- Completed six months of structured learning in server configuration, Docker deployment, and CI/CD tools (Jenkins, Argo CD, GitLab CI).
- Helped the developer team by setting up environments and deploying application updates to development servers.
- Prepared Bills of Quantities (BoQ) for 3 projects, compiling device datasheets and product comparisons to support hardware selection.

ORGANIZATIONAL EXPERIENCE

IT FESTIVAL 2025 - NATIONAL IT COMPETITION, SEMINAR, & EXPO
Vice Chair of the Organizing Committee (Part-time) February 2025 – September 2025

- Coordinated 40+ staff across multiple divisions to deliver a national-level IT competition on schedule.
- Secured funding and facilities from sponsors, raising Rp 20.000.000.
- Attracted 500+ participants from universities across Indonesia.

TRAINING

Jabar Istimewa Digital Academy (Cybersecurity) - Elite Academy August 2026 – October 2026
Studied cybersecurity fundamentals, Security Operations Center (SOC) Level 1 workflows, and an introduction to using Wazuh for security monitoring.

CyberWarrior Bootcamp - Infradigital Foundation January 2023 – May 2023
Completed CompTIA PenTest+ and CySA+ modules. Participated in a cybersecurity hackathon at the end of the program.

Mikrotik Engineer – ID-Networkers February 2023 – March 2023
Learned networking fundamentals and the features of MikroTik routers.

Junior Network Administrator – TelkomDigiUp October 2022 - December 2022
Learned networking fundamentals and Cisco router configuration using Packet Tracer. Awarded a scholarship to take the BNSP Junior Network Administrator competency certification.

Cyber Security Training – Infradigital Foundation July 2022 - October 2022
Completed CompTIA Network+, Linux+, and Security+ modules. Awarded a scholarship to take the international CompTIA Linux+ certification.

PROJECT

Digital Office - PT G4S Security Services |Server, IoT, QA

- Application server, CCTV (people tracking), and IoT devices integrated into one system, containerized application stack with Dockerfile and Docker Compose on a production server. Stack: Ubuntu server, Docker, MQTT Broker, Laravel, Python, OpenCV, sonoff.

HSE (Health, Safety and Environment) Application - PT G4S Security Services | QA

- Tested the application before release; 600+ test cases executed, 50+ bugs reported.

PION (PPE Identification) - PT PLN Nusantara Power Unit Pembangkit Jawa Bali | Maintenance & QA

- Supported the maintenance and development of the PION application through IT support and quality assurance activities. PPE identification system running on mini PCs at 2 client sites ; I handled network, hardware, updates, and testing.

IoT Monitoring System - CV Pagi Berkah Mandiri (Pagi Farm) | University project, 2026 | System Administrator, IoT

- Administered the monitoring system for a robotics and IoT project using ESP32 and Custom Dashboard monitoring, tracking 3 sensors. Stack: React.js, python, postgresql, Docker, Gitlab CI

TECHNICAL SKILLS

- **Support & Troubleshooting:** Server and network troubleshooting, client requirement gathering, QA testing, technical documentation
- **Operating Systems:** Linux, Windows
- **Networking:** MikroTik, Cisco, VLAN, Static & Dynamic Routing, Firewall, VPN
- **Servers:** Nginx, Apache, MySQL, PostgreSQL, DNS, FTP
- **Monitoring:** Grafana, Zabbix
- **Other:** IoT device installation (ESP32, Arduino, Sensor, Actuator), Docker, Git, CI/CD

CERTIFICATE

- BNSP Computer Network Services (National) | 2024| Credential ID. 61100 3513 3 00000810 2024
- BNSP Junior Network Administrator (National) | 2023 | Credential ID. 61200 3513 3 0043962 2023
- Google IT Support (International)| 2023
- CompTIA Linux+ (International) | 2022 | Credential ID. 91T826R73R3LVS9X
- IC3 Digital Literacy (International) 2022