

# Athaya Pandu Mareno

Semarang, Central Java | +6285920295776 | [athayapm06@gmail.com](mailto:athayapm06@gmail.com) | [LinkedIn: athayapandumareno](#)

A third-year Computer Engineering Technology student with a strong understanding in IT infrastructure, network administration, and system troubleshooting. Combines hands-on proficiency in enterprise-grade networking (MikroTik, Cisco) with cloud environment management (AWS Certified). Proven track record in hardware and routing configuration, complemented by strategic cross-functional communication skills.

## EDUCATION

### SEMARANG STATE POLYTECHNIC

Semarang, Central Java

Bachelor of Applied Science in Computer Engineering Technology.

August 2023 – Present

GPA: 3.81 / 4.0

Relevant Courses: Computer Networks, Operating Systems, Cloud Computing, Big Data, Web Programming, Database Programming, and Project Management.

## TECHNICAL SKILLS

- Networking & Security: Routing & Switching (OSPF, BGP, VLAN, STP), MikroTik RouterOS, Cisco IOS, Fortinet Firewall, Ethical Hacking Fundamentals.
- Systems & Cloud Administration: AWS Cloud (EC2, S3, VPC), Linux Administration (SSH, Bash Scripting), VPS/VM Configuration, RTOS.
- Programming & Automation: Web Development (Laravel, PHP, React, Tailwind CSS), Python (Automation & Scripting), Git/GitHub Version Control, API/Webhook Integration.
- Database, Data & Dashboarding: SQL (PostgreSQL/MySQL), Relational Database Modeling, PySpark, Data Validation (Google Sheets/Excel).

## PROJECT EXPERIENCE

### VPS Management & WordPress Deployment

Semarang, Central Java

Cloud Infrastructure Project

Nov 2025 – Dec 2025

- Provisioned and connected to an Ubuntu VPS via SSH, then installed and configured Apache2, PHP, and MariaDB to serve a production website.
- Configured virtual hosts and DNS-linked domains, then secured the site with a free SSL/TLS certificate via Certbot (Let's Encrypt) to enable HTTPS.
- Deployed and hardened a WordPress site via WP-CLI, including database setup, admin configuration, and login security using the WPS Hide Login plugin.

### AWS Cloud Practitioner Lab (EC2 & S3 Provisioning)

Magelang, Central Java

Cloud Computing Lab

Feb 2023

- Completed hands-on labs for the AWS Cloud Practitioner path, provisioning and configuring EC2 compute instances and S3 storage buckets.
- Practiced fundamental AWS networking and access management concepts (VPC, IAM) as part of introductory cloud computing coursework.

## LICENSES & CERTIFICATIONS

---

- AWS Certified Cloud Practitioner – Amazon Web Service Issued: Feb, 2023  
Designed cloud architectures and managed VPC, EC2, and S3 services for scalable deployments.
- CCNA: Switching, Routing, and Wireless Essentials – Cisco System Issued: Jan, 2025  
Configured enterprise-grade infrastructure, implementing VLANs and OSPF in virtualized environments.
- MikroTik Certified Routing Engineer (MTCRE) – MikroTik Issued: Sep, 2022  
Specialized in advanced routing configurations and IP tunnel management.
- Mikrotik Certified Network Associate (MTCNA) – MikroTik Issued: Jan, 2022  
Managed RouterOS configuration, basic bandwidth control, and wireless infrastructure.
- Fortinet Network Security Expert Level 1 – Fortinet Issued: Mar, 2023  
Implemented firewall policies and threat identification to secure network perimeters.
- Ethical Hacking Essentials (EHE) – EC-Council Issued: Jan, 2022  
Conducted vulnerability assessments and network scanning to identify system weaknesses.
- Network Defend Essentials (NDE) – EC-Council Issued: Nov, 2022  
Implemented network security controls and basic incident response procedures.
- TEP (TOEIC PREDICTION) UPT BAHASA POLINES Issued: Sept, 2023  
Score: 570/1000 (Intermediate Proficiency).

## ORGANIZATIONAL EXPERIENCE

---

**BEM KBM SEMARANG STATE POLYTECHNIC** Semarang, Central Java  
Minister of Social and Political Affairs Aug 2025 – Present

- Led cross-sectoral collaboration initiatives, successfully aligning objectives between student associations, external NGOs, and regional delegates (300+ participants).
- Developed and executed a data-driven digital campaign strategy, analyzing social media metrics to achieve over 9 million impressions on Instagram.

**Polytechnic English Conversation Club (PECC)** Semarang, Central Java  
Movie and Story Telling Staff Department June 2024 – June 2025

- Facilitated daily English classes for over 25 students, demonstrating strong public speaking and interpersonal communication skills.

Vice Chairman Internal Competition (PECC INTERCOMP 2024)

- Assisted in executing technical and operational workflows for a major internal event, managing 9 cross-functional teams to ensure a 90% success rate. Monitored task delegation and resolved realtime operational bottlenecks, taking decisive action as the substitute Chairperson when necessary.

## HONORS AND AWARDS

---

**Program Mahasiswa Wirausaha (PMW)** Semarang, Central Java  
Grantee Aug 2024 – Jan 2025

- Successfully qualified for program funding. Contributed to business strategy development and operational planning to ensure sustainable product growth.

**Lomba Kompetensi Siswa (LKS) SMK Kab. Magelang 2022** Magelang, Central Java  
3<sup>rd</sup> Place, Field: IT Network Systems Administration Feb 2022

Demonstrated configuration server and routing at the regency level vocational competition.