



RAYHAN KIMI NABIEL ATHALLAH

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ABOUT

Electrical Engineering graduate from Universitas Udayana with a focus on Cloud & DevOps Engineering. Experienced in building projects on AWS and certified as an AWS Cloud Practitioner, currently preparing for the AWS Solutions Architect Associate exam. Prioritizes an Infrastructure as Code approach, security best practices, and automation in every solution built.

WORKING EXPERIENCE

Aug 2025 – Jan 2026

Back End & AI Automation Developer (Freelance)

Edomatch B.V

- Designed and implemented an automated cold lead engagement system integrating Apollo.io, n8n workflows, and Gmail that fully automate first-touch outreach with zero manual intervention. Achieved a 23% lead qualification rate over 2 months, built on a FastAPI backend with microservice architecture and Vue.js dashboard deployed serverlessly on Railway.

Feb 2025 – May 2025

Web Quality Assurance (Intern)

PT. Timedoor Indonesia

- Conducted system monitoring and manual performance testing for client websites, along with structured test case documentation. Delivered improvement recommendations to B2B clients based on testing results.

EDUCATION

Universitas Udayana

- Final GPA: 3.77

Sep 2021 – Aug 2025

Relevant subject. : IoT, Computer Networking.

CERTIFICATION

- Cisco CCNAv7: Switching, Routing, and Wireless Essentials (2024–2027)
- AWS Certified Cloud Practitioner (2026–2029)
- EF SET English C1 Advanced (2025)

ACHIEVEMENT

2nd Place — ELCCO 2024 National Competition (Innovation Design Competition)

2024

- Built an IoT based traffic congestion detection system using laser sensors and Firebase for real-time notifications. Extended as a final thesis project with computer vision and AWS cloud integration.

3rd Place – IMPHNEN AI Hackathon

2025

- Built an AI-powered job matching system using FastAPI, where user-uploaded CVs are parsed via OCR to automatically extract skills and match them against relevant job openings.

ORGANIZATION

Head of R&D Division — EE Student Association, Universitas Udayana

2022 – 2024

- Led the R&D division, served as chief lab instructor for fellow students, and contributed to formal curriculum evaluation as part of the IABEE curriculum assessment team.

Independent Campus Experience Program (MBKM — Ministry of Education Initiative) 2023 – 2024

- Participated in 2 MBKM Programs; (1) Community Development (2023): Developed a thermal-based coffee drying device for a local farming community. (2) Student Entrepreneurship Program / P2MW (2024): Built an IoT smart farming device using ESP32 and Raspberry Pi, featuring remote monitoring via a web app deployed on a self-hosted VPS.

SKILLS

- AWS
- Terraform
- Docker & Docker Compose
- CI/CD (GitHub Actions, Jenkins)
- Kubernetes (EKS)
- GitOps (ArgoCD & Helm)
- Ansible
- Observability (Prometheus & Grafana)
- Backend Development (FastAPI, Bun)
- Database (MySQL, MongoDB)
- IoT (Node-RED, Raspberry Pi)
- Firmware Development (FreeRTOS, ESP-IDF, PlatformIO, STM32Cube)