

Contact

www.linkedin.com/in/daniel-adamlu
(LinkedIn)

Top Skills

Kubernetes
docker
DevOps

Languages

Indonesian (Native or Bilingual)
English (Professional Working)

Certifications

Scholastic Aptitude Test (SAT) -
Score: 1170 out of 1600

Honors-Awards

Diploma of Best Performing
Assistant - Even 2023/2024
Best Research Interest Group (RIG)
Performing Team - Even 2024/2025

Daniel Adamlu

Network Administrator at Software Laboratory Center BINUS
University | Undergraduate Computer Science Student at BINUS
University
Jakarta, Indonesia

Summary

Passionate about DevOps, Cloud Infrastructure, and Network Administration, I thrive in designing and managing scalable, high-availability systems. While pursuing my undergraduate studies, I took on the role of Network Administrator at the Software Laboratory Center (SLC), where I manage Kubernetes clusters, server infrastructure, networking, and automation workflows to optimize system efficiency.

Experience

BINUS University

2 years 1 month

Network Administration and Technical Support Staff at Software Laboratory Center

February 2025 - Present (8 months)

Jakarta, Indonesia

As a Network Administrator in the Network and Systems division, my primary role is to manage the organization's servers, ensure seamless service operations, and maintain the network cluster. I oversee the Kubernetes cluster, optimizing deployments and scaling infrastructure efficiently.

Things I've done:

- Documented the organization's network topology (Even 2024/2025) using network discovery protocols: CDP and LLDP.
- Implemented CI/CD Pipelines using GitHub Actions and Flux CD to automate code integration and Kubernetes deployment.

In addition, I am also responsible for providing technical support, where I resolve common issues that occur during practicum sessions in the software laboratory.

Software Laboratory Assistant

September 2023 - February 2025 (1 year 6 months)

Jakarta, Indonesia

As a Laboratory Assistant, I conducted practicum sessions, guiding students in technical concepts and real-world applications. Additionally, I completed the Tes Progresif Asisten (TPA) program, covering:

- Game Development: Built a 3D game in Unity & C#, applying OOP and design patterns.
- Business Analysis & Desktop Development: Designed UML diagrams and developed an Airport Management app using Electron, React TypeScript, and Firebase.
- Web Development: Created a Traveloka Clone with React TypeScript, Go (Gin & GORM), and Node.js (Socket.io).
- System & Network Administration: Designed an enterprise network (CCNA-level) in Cisco Packet Tracer, deployed servers with Docker & Nginx, and configured MikroTik for HomeLab.
- Mobile Development: Developed a room transaction management app in Kotlin (Android) with Express, Firebase Cloud Messaging, and API integration.

After my first year, I contributed to assistant training by creating the System & Network Administration Case for new recruits, including a full-stack web app with React TypeScript & Laravel, Docker Swarm orchestration, HAProxy load balancing, and MikroTik network configuration.

PT Bank Central Asia Tbk (BCA)

PPTI Teaching Assistant

June 2024 - October 2024 (5 months)

Bogor, West Java, Indonesia

Education

BINUS University

Computer Science · (September 2022 - 2026)

SMA Pangudi Luhur Vanlith Berasrama

Mathematics and Natural Sciences · (July 2019 - May 2022)