



Tanisha Natalia Aritonang

Computer Engineering undergraduate specializing in Cloud Infrastructure and DevOps. Experienced with Azure, AWS, and Linux environments, focusing on containerization, automation, and cloud-native system design. Interested in scalable system deployment, cloud security, and infrastructure optimization.

CONTACT

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Hard Skills

Cloud Platforms: AWS · Azure
Infrastructure & DevOps: Docker · Kubernetes · Terraform · Ansible · CI/CD (GitHub Actions, Jenkins)
Programming & Scripting: Python · Bash · C
System & Network: Linux Administration · Networking (VPC, DNS, Load Balancing) · Security (IAM, SSL/TLS)
AI & Integration: OpenAI API · Fine-tuning · RAG

Soft Skills

Problem-Solving · Collaboration · Technical Documentation · Adaptability

LANGUAGES

Indonesia | C2
Proficient
English | B2
Upper Intermediate

WEBSITES, PORTOFOLIOS

EXPERIENCE

Competition Division (08/2024 - 09/2025)

Institut Teknologi Del

Coordinated and executed several academic competitions, internal trainings, and selection programs for Computer Engineering students, resulting in improved participation rates and enhanced student achievement

Matriculation Assistant (08/2024)

Institut Teknologi Del

Supported the matriculation program for approximately 500 new students. Assisted academic sessions, managed attendance, and taught basic programming and digital literacy. Coordinated with lecturers to ensure smooth class activities.

EDUCATION

08/2023 - 09/2026
Institut Teknologi Del - Laguboti, Sumatera Utara
Computer Engineering
GPA 3,80

PROJECTS

CurioKids – Question-Answering Chatbot (04/2025 – 05/2025)

Deployed chatbot on a cloud-based backend using Supabase and LangChain, integrating OpenAI API. Configured environment with Docker and GitHub Actions for automated testing and deployment.

Automatic Laundry System – Embedded IoT Project (11/2024 – 12/2024)

Designed an embedded system with sensors (LDR, rain, servo, fan) for weather-adaptive automation. Integrated with IoT principles for remote monitoring potential.

Parent-Child Communication Website (02/2024 – 06/2024)

Created a WordPress website promoting the use of analogies in parent-child communication through articles and interactive content.

CERTIFICATION

- Microsoft Certified: Azure AI Fundamentals - Microsoft
- AWS Cloud Practitioner Essentials – Amazon Web Services
- Complete Linux Training Course – Udemy

PARTICIPATIONS

- 7th Place | PILMAPRES 2025 – Kementerian Pendidikan, Kebudayaan, Riset, dan Teknologi
- Participation: Del Debate Competition 2025 – Institut Teknologi Del
- Participation Huawei ICT Competition National Final (2024–2025) – Huawei