REFAEL PANGARIBUAN

082277197440 | refaelpangaribuan123@gmail.com | www.linkedin.com/in/refael-pangaribuan-257a06272 | https://github.com/Refael-pangaribuan17

Laguboti, Toba, Sumatra Utara

Final year student of D3 Computer Technology Study Program at Del Institute of Technology with deep interest in DevOps. During college, I learned and developed skills in networking, Internet of Things (IoT), cyber security, and cloud computing. Experienced in using Docker, Minikube, Kubernetes, Ansible, and OpenTofu, I am ready to apply these technical skills to support the implementation and management of an effective and efficient DevOps infrastructure.

Education Level

Institut Teknologi Del - Laguboti, Toba, Sumatera Utara   Sep 2022 - Oct 2025 (Expected)

D3 Teknologi Komputer Focus on Cyber security, Cloud Computing, Internet of Things and Computer Networking, 2.99/4.00

- Completed a project involving the application of Ansible, Docker, Kubernetes, and Minikube used to automate server configuration, set up containers, and manage orchestration in a simulated environment.
- 1st place, Internal Capture The Flag 2024, Del Institute of Technology, organized by BSSN and sponsored by Huawei.
- Participated in BPJS's Penetration Testing competition, which simulates system security testing to identify and address cyber vulnerabilities. This competition strengthens ethical hacking skills and in-depth system analysis.
- Participated in the Capture the Flag Competition organized by TNI, focusing on cybersecurity challenges such as reverse engineering, cryptography, and web security. The competition enhanced technical capabilities in finding and exploiting vulnerabilities in an ethical manner.

Organisational Experience

Himatek   Nov 2022 - Apr 2023

Member

Competition division that provides competitions in the IT field

- organizing training for members, forming teams to represent the association in competitions, and establishing cooperation with external parties such as IT competition organizers.
- manage activities related to competitions in the field of information technology, such as hackathons, coding competitions, Capture the Flag (CTF), and application development competitions.

Himatek   Sep 2023 - Present

Member

Education division that provides tutorials to the association

- develop and organize training sessions and workshops on the latest technologies in IT, such as operating systems, Docker, Kubernetes, and other orchestration tools.
- Responsible for providing structured learning materials and guiding members in hands-on practice, including installation, configuration, and implementation of technologies such as containerization and cluster management.

Project Experience

- **Projects** (2022): Final project 1 : create a health information system website using Wordpress
- **Projects** (2022): Create a hotel booking website using the laravel framework
- **Projects** (2023): Creating games using c language
- **Projects** (2023): Configured Minikube and OpenTofu to deploy Nginx servers both manually and through automation.
- **Projects** (2023): Automating HTTP Server Installation and Configuration on CentOS Using Ansible: SSH Authentication Settings and Server Management
- **Projects** (2023): Final project 2 making an iot-based gas and fire detection system

- **Projects** (2024): Final project : Load balancing strategy for the rules controler in SDN

Skills and Other

DevOps & Cloud Tools: Docker, Container, Minikube, Ansible, OpenTofu, Kubernetes

Programming: C, C++, Python, Java

Networking: Basic network configuration

Soft Skills: Teamwork, Problem Solve, Critical Thinking, Project Management, and Time Management