

# Intan F Napitupulu

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## SUMMARY

As a final year Computer Technology student, I have a high commitment to continue learning and developing in the world of technology. With a great interest in It Support, Quality Assurance, and System Analyst, I strive to hone my technical and analytical skills. I believe that an internship will be a very valuable opportunity to implement the knowledge I have learned and gain in-depth practical experience in the industrial world.

## EDUCATIONS

**Del Institute of Technology – Sitoluama, North Sumatra**      **July 2022 – Sept 2025** Associate  
Degree Of Computer Technology – D3

## PROJECTS

**Educational Game Quiz on Digital Security Literacy Using Moodle to Enhance User Awareness and Behavior (2024)** - *Web Developer and System Analyst*

- Conducting needs analysis, creating questions from several cases that often occur and providing solutions for each question.
- designing quiz display using moodle tools.

**Gas and Fire Detector System (2024)** – *System Analyst and Technical Writer*

- Developed a monitoring system to detect gas leaks and fire hazards, using ESP32 microcontrollers for network connectivity.
- Analyzed requirements, drafted Software Requirement Specifications (SRS), and documented system functions in the technical document.
- System includes Telegram-based alerts and buzzer alarms for immediate notification.

**Implementation Of Integrated Network Infrastructure With DNS, Load Balancer, Web Servers, and Mail Servers in Virtual Machine Environment (2024)** – *System Administrator and It Support*

- Build network infrastructure with DNS, Load Balancer, Web Server, and Mail Server on virtual machines to increase the availability of web services.
- Increase the efficiency of email and domain management through reliable virtual setup using CentOS, Linux, Virtual Machine.

**Flappy Bird Game (2023)** – *programmer and Tester* •

- Implementing game logic using programming languages.
- Testing the game to find bugs or errors.
  - Designing gameplay like difficulty levels.

**Souvenirs Batak Toba Website (2023)** – *Web Developer and System Analyst*

- Built an informational website using XAMPP and WordPress, aimed at promoting Batak Toba souvenirs.
- Conducted requirements analysis, created functional and non-functional specifications, and documented system designs.
- Implemented categories, product information, and location features to enhance user access to souvenir information.

## CERTIFICATION

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- Database and SQL (Nov 2024)
  - Programming Basic (Nov 2024)
  - HCIA – Datacom (May 2024)
  - HCIA – Cloud Service (Des 2024)
  - HCIA – Security (Des 2024)
  - HUAWEI ICT Competition NATIONAL FINAL – Network Track (Des 2024)

## SKILLS

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- **Technical Expertise:** Linux, Windows Operating Systems, C Programming Language, HTML, CSS, JavaScript, Laravel, VMWare, XAMPP Network Security, Network Protocol, Network Administration, Routing, Cisco, Cloud Computing, Arduino IDE, Virtual Box, Proteus, Visual Studio Code, DNS Server, Switching, Load Balancer, Raspbery PI, HTTP.
  - **Soft Skills:** Communication, Problem Solving, Team Work, Multitasking, Leadership, Active Learning, Analytical Skill.
  - **Languages:**
    - **Indonesian** (Native), **English** (Intermediate)

## ORGANIZATION EXPERIENCES

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- Computer Technology Student Association – Member of Promotion (Sept 2023 – Sept 2024)
    - Actively organize and coordinate product exhibitions, including booth layout planning, promotional material design, and logistics management to ensure the smooth running of the event.