

Naufal Adrian Hidayat

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PROFILE PERSONAL

Recent Informatics Engineering graduate from Telkom University (class of 2020), combining strong analytical skills with a detail-oriented and confident approach to achieve clear goals. Adaptable and reliable in both independent and collaborative settings, I consistently uphold the highest standards of integrity and quality. With a passion for continuous growth, I have developed a keen interest in Quality Assurance (QA) and Software Testing for Web and Mobile platforms, reinforced by a six-month internship as a System Quality Assurance Intern at PT Telkom Indonesia (Persero) Tbk. This experience honed my manual testing skills, problem identification abilities, and quality assurance expertise. Eager to leverage my strong analytical and problem-solving skills, excellent teamwork and communication abilities, and commitment to continuous learning, I am also open to exploring opportunities in Data Analysis and Data Administration. My goal is to further enhance my skills and make meaningful contributions to the Technology and Industry sectors, always adapting to new technologies and methodologies to drive innovation and excellence.

EDUCATION

Fresh Graduate, Informatics, Telkom University

19 September 2020 – 11 September 2024

- GPA: 3.88/4.00

WORK EXPERIENCE

System Quality Assurance Intern, PT Telkom Indonesia (Persero) Tbk

February 2024 – June 2024

- Create a Test Scenario and Test Case for a new feature to be released and perform functional and non-functional testing.
- Create Bug Reports for new features to be released.
- Document reports and provide quality testing reports.
- Analyze the problems that exist in the testing flow.
- Establish communication with the developer and the project manager when conducting tests.
- Learned some material about automated testing using Katalon and Selenium during the internship.

Computer Network Practicum Assistant, Informatics Laboratory Telkom University

February 2024 – June 2024

- Become a Practicum Assistant for Computer Network practicum at the Telkom University Informatics Laboratory in the 2023/2024 academic year in even semester.
- Helped to understand and supervise practicum students in doing Computer Network practicum assignments while in the computer laboratory organized by the Telkom University Informatics Laboratory, which is located in the Telkom University Landmark Tower (TULT) building on the 6th and 7th floors.
- Studying modules such as Introduction to Wireshark Tools, HTTP, DNS, UDP, TCP, Socket Programming, Web Server, IP, DHCP, ICMP, Ethernet & ARP, and WiFi.
- Make an answer key from the questions that have been made which aims to make me and students able to understand the flow of the questions made.
- Creating assessment reports for practicum students using Microsoft Excel.
- Tidy up and make the place comfortable before and after the practicum.
- Train communication and adaptability in adjusting the environment to fellow coworkers or practicing students.
- Make documentation of the practicum report.

Operation Systems Practicum Assistant, Informatics Laboratory Telkom University

February 2024 – June 2024

- Become a Practicum Assistant for Operation System practicum at the Telkom University Informatics Laboratory in the 2023/2024 academic year in the even semester.
- Helped to understand and supervise practicum students in doing Operation System practicum assignments while in the computer laboratory organized by the Telkom University Informatics Laboratory, which is located in the Telkom University Landmark Tower (TULT) building on the 6th and 7th floors.
- Studying modules such as other operating system computers like Linux, Basic Linux Commands, Process, Sequential, Concurrency, Semaphore, Syscall, Shell, Memory, Scripting, and Security.

- Make an answer key from the questions that have been made which aims to make me and students able to understand the flow of the questions made.
- Creating assessment reports for practicum students using Microsoft Excel.
- Tidy up and make the place comfortable before and after the practicum.
- Train communication and adaptability in adjusting the environment to fellow coworkers or practicing students.
- Make documentation of the practicum report.

**Object-Based Programming Practicum Assistant,
Informatics Laboratory Telkom University**

September 2023 – January 2024

- Became an Object-Based Programming Practicum Assistant at Telkom University Informatics Laboratory in the 2023/2024 academic year at the odd semester.
- Helped understand and guide practicum students in doing Object-Based Programming practicum assignments while in the computer laboratory organized by the Telkom University Informatics Laboratory onsite at the Telkom University Landmark Tower (TULT) building on the 6th floor and 7th floor.
- Studying modules such as Basic concepts of OOP, Encapsulation, Relationships between classes, Inheritance, Abstract, Interface, Polymorphism, Static classes, Collection, Exception, Inner Class & Static Concepts, GUI, and JDBC.
- Make an answer key from the questions that have been made which aims to make me and students able to understand the flow of the questions made.
- Creating assessment reports for practicum students using Microsoft Excel.
- Train communication and adaptability in adjusting the environment to fellow coworkers or practicing students.
- Tidy up and make the place comfortable before and after the practicum.

**Distributed and Parallel Systems Practicum Assistant,
Informatics Laboratory Telkom University**

September 2023 – January 2024

- Become a Practicum Assistant for Parallel and Distributed Systems at the Telkom University Informatics Laboratory in the 2023/2024 academic year at the odd semester.
- Helping to understand and guide practicum students in working on parallel and distributed system practical tasks in the computer laboratory organized by the Telkom University Informatics Laboratory, which is carried out onsite at the Telkom University Landmark Tower (TULT) building on the 6th and 7th floors.
- Learning modules such as RPC, Server & Client, UDP Socket and TCP Socket, MQTT & Mosquitto, Microservice, Threading, OpenMP, OpenMPI, and OpenCL.
- Make an answer key from the questions that have been made which aims to make me and students able to understand the flow of the questions made.
- Creating assessment reports for practicum students using Microsoft Excel.
- Tidy up and make the place comfortable before and after the practicum.
- Train communication and adaptability in adjusting the environment to fellow coworkers or practicing students.
- Make documentation of the practicum report.

**Computer Network Practicum Assistant,
Informatics Laboratory Telkom University**

February 2023 – June 2023

- Become a Practicum Assistant for Computer Network practicum at Telkom University Informatics Laboratory at the 2022/2023 academic year in even semester.
- Helping to understand and supervise practicum students in doing Computer Network practicum assignments while in the computer laboratory organized by the Telkom University Informatics Laboratory onsite at the Telkom University Landmark Tower (TULT) building on the 6th floor and 7th floor.
- Studying modules such as Introduction to Wireshark Tools, HTTP, DNS, UDP, TCP, Socket Programming, Web Server, IP, DHCP, ICMP, Ethernet & ARP, and WiFi.
- Make an answer key from the questions that have been made which aims to make me and students able to understand the flow of the questions made.
- Creating assessment reports for practicum students using Microsoft Excel.
- Tidy up and make the place comfortable before and after the practicum.
- Make documentation of the practicum report.
- Train communication and adaptability in adjusting the environment to fellow coworkers or practicing students.

**Programming Algorithm Practicum Assistant,
Informatics Laboratory Telkom University**

February 2022 – June 2022

- Became a Programming Algorithm Practicum Assistant at Telkom University Informatics Laboratory at the 2021/2022 academic year in even semester.
- Helping to understand and supervise practicum students in doing their assignments during programming algorithm practicum while in the computer laboratory organized by the Telkom University Informatics Laboratory.

- Make an answer key from the questions that have been made which aims to make me and students able to understand the flow of the questions made.
- The programming language used at that time was Go-Language.
- Creating assessment reports for practicum students using Microsoft Excel.
- Make documentation of the practicum report.
- Train communication and adaptability in adjusting the environment to fellow coworkers or practicing students.
- Practicum is carried out online through Microsoft Teams because there is still a Covid-19 outbreak.

ORGANIZATIONAL EXPERIENCES

Member of Input Data Validation Division, Marketing Crew 2022 Telkom University

October 2023 – July 2024

- Marketing Crew is an organization that works closely with the Directorate of Marketing and Admissions of Telkom University in marketing activities and new student registration at Telkom University.
- Inputting student data provided by the exhibition and roadshow teams into the excel file provided.
- Running shifts to the office from the schedule that has been provided to serve guests who come into the Telkom University marketing room.

Manager of Ads Division, Marketing Crew 2022 Telkom University

January 2023 – October 2023

- Marketing Crew is an organization that works closely with the Directorate of Marketing and Admissions of Telkom University in marketing activities and new student registration at Telkom University.
- Manager of Telkom University Advertising Marketing Crew division.
- Learn to analyze data from the results of advertisements that have been published.
- Inputting published advertisement data into reports.
- Publish advertisements in Metaverse.
- Creating ad scenarios and concepts of how ads will be made.

Member of the Networking Division, Central Computer Improvement

September 2020 – March 2021

- Became an active member of Central Computer Improvement (CCI) in the Networking division for one full semester in the first semester of college.
- Participated in a series of events, such as study sessions on basic things about computer networks.
- Following the practice of computer network material, which was held online due to the COVID-19 outbreak.
- Understand the material and basic knowledge of computer networks and the like by attending learning sessions.

PROJECTS

• **System Quality Assurance Intern (2024)**

This project is one that I did during my internship at PT Telkom Indonesia (Persero) Tbk. in the position of System Quality Assurance. During my internship as a QA, I was assigned to make many test case reports, test scenarios, and bug reports for a website. In addition, I also conducted manual testing thoroughly according to the test cases that had been created. Then, the test results and case reports will be reported to the project manager and developer to revise the program, which still needs to follow the test case. ([Portfolio](#))

• **MySkin (2023)**

This was when I was Quality Assurance on the MySkin app. At that time, I was doing a Software Verification and Validation major project at my college and tested the MySkin application by manual and auto testing. Then, test cases and RTM of the MySkin application will be created. ([Portfolio](#))

• **Data Fusion Experiment (2023)**

This project is a mid-term project for the IoT with Intelligent Capabilities course. It contains vibration data, which is processed and made smoother to display data graphics that are more pleasing to the eye. ([Portfolio](#))

• **Filter MVA and LPF (2023)**

This project is Assignment 1 of the IoT with Smart Capabilities course. This project asks us to create a program to filter a dataset using LPF and MVA methods, as taught in previous modules. The lecturer provides the dataset. After inputting the dataset, we have to divide columns B, C, or D as the data to be filtered. After that, create the LPF and MVA programs using the specified columns. Then, the LPF and MVA filter results will be analyzed by

displaying data plots. Then, the FC used for LPF, how to determine the FC and the "window size" used in filtering. ([Portfolio](#))

- **Project Based (2023)**

This project-based is a group assignment from the Machine Learning course. This assignment involves performing all the exploration and pre-processing techniques for the required dataset. Then, explain why to perform these techniques and analyze the final results. Then, a model will be built from the data obtained, and the machine learning process will be performed to get the best results. ([Portfolio](#))

- **CaseBased 2 (2023)**

This project is a machine learning task that involves performing some analysis and generating a set of valuable rules using a dataset. This assignment aims to explain, implement, analyze, and design unsupervised machine learning techniques, namely KMEANS/DBSCAN/Hierarchical. The first thing I did was investigate the data quality problem given above. Explain your decision regarding the data pre-processing approach. Explore the data set by summarizing the data using statistics and identifying data quality issues. ([Portfolio](#))

- **CaseBased 1 (2023)**

This project is a machine learning task, which involves performing some analysis and generating a set of valuable rules using the provided dataset. Then, we will choose the data pre-processing techniques that will be used to improve the quality of the data. There will be a lot to break down, and then you must combine all these cases as individual jobs. The objective of this assignment is that I am expected to explain, implement, analyze, and design supervised machine learning techniques, namely AAN/MLP/RNN/LSTM/CNN. ([Portfolio](#))

- **Cashy Cashier (2022)**

This Cashy Cashier project is one of the major projects of my Software Engineering course during college. I worked on the design part of the appearance for the web and also worked on several components on the web page with a front-end position. ([Portfolio](#))

LANGUAGES

- **INDONESIAN**

Indonesian is the language I use in my daily life. I can use Indonesian very politely and can explain a wide range of opinions and ideas by getting straight to the point. I'm also still learning to improve my Indonesian even more to be able to speak better and more pleasant to hear to others and can be easily understood from every word I say.

- **ENGLISH**

I understand English quite well. I understand English in the areas of writing, reading, and listening, but I'm still not very good at pronunciation. I previously took a Prediction Toefl test and got a total score of 503. The Toefl Prediction Certificate is active until October 9, 2026, but the certificate is still not verified by ETS. The Toefl Prediction Certificate is only an award and a temporary measure of my English to be able to see how far I can speak English, but the certificate is a legal certificate and can still be considered in the world of work. In addition, I'm also still trying to improve my English skills to get better. ([Certificate](#))

TECHNICAL SKILLS

- | | | |
|-----------------|-------------------|--------------|
| • Test Case | • Manual Testing | • HTML & CSS |
| • Test Scenario | • Katalon | • Python |
| • Bug Report | • Selenium | • Laravel |
| • Documentation | • Canva | • Java |
| • Reporting | • Adobe Photoshop | • Figma |

PERSONAL SKILLS

- | | | |
|--------------|--------------|-----------------|
| • Analytical | • Teamwork | • Adaptive |
| • Agile | • Individual | • Communication |
| • Competent | • Discipline | • Ambitious |
| • Determined | • Hardworker | • Evaluative |

