

Nurul Hasanah

Tangerang, Banten | <http://wa.me/+6283897088438> | nrlhanaa2003@gmail.com
www.linkedin.com/in/nurul-hasanah-31154a24b | [Portofolio Nurul Hasanah](#)

About Me

I am a student at Politeknik Negeri Jakarta majoring in Informatics Engineering, with hands-on experience in IT projects including a capstone project at PT Revolusi Cita Edukasi through the Kampus Merdeka program. I have developed practical skills in system development, database management, and software integration, and am proficient in Microsoft Office, SQL, Power BI, Tableau, and Python, with basic knowledge of Laravel and React. I also served as Secretary and Acting Head of the Secretariat Bureau in a student organization and worked as a Data Verifier at the Ministry of Education, strengthening my attention to detail and coordination skills. I am particularly interested in expanding my knowledge in Software Engineering, Android Development, Big Data (Data Analyst, Data Scientist, Data Engineer), Machine Learning Engineering, and Junior Programming.

Education

Politeknik Negeri Jakarta

August, 2022 – Now

100% passed in all six semesters in D4 Applied Informatics Engineering with a GPA of 3.74/4.00

RevoU Tech Academy

September, 2024 – December 2024

100% graduated with a Certification of Data Analytics with a GPA of 94/100

Capstone Title: How to Increase Revenue by 10% from Property Sales in Melbourne City, Australia, within 6 Months Using Factors Such as Price, Number of Bedrooms, Land Size, Building Area, Property Type, and Year Built

Working Experience

Data Verifier, Kementerian Pendidikan, Kebudayaan, Riset, dan Teknologi

April, 2024 – Oktober, 2024

100% of work completed on time

- Complete data related to companies or institutions whose data is incomplete, then carry out verification to ensure the accuracy, consistency and validity of existing data

Organizational Experience

Himpunan Mahasiswa Teknik Informatika dan Komputer

- Acting Head of the Secretary Bureau

September, 2024 – December, 2024

1. Assisting the Head of the Association in carrying out their responsibilities.
2. Continuing the agenda of the previous Bureau Head that has not been implemented or is still in progress.
3. Distributing and preparing the Final Accountability Report (LPJ) for the Administration.
4. Assisting staff in fulfilling their responsibilities.

Projects

Final Project – Basic Web Programming

Website Development

July, 2023

1. Created a front-end web page and its prototype using the JavaScript library React JS.
2. Styled the page using the Tailwind CSS framework.
3. GitHub: https://github.com/hanavanilla20/project_praktisi.git

Final Project – Information Systems Analysis, Design, and UI/UX

Business Application Design

January, 2024

1. Created use case diagrams, DFD, ERD, and BPMN diagrams for a business-based application.
2. Designed and prototyped the application using Figma.
3. Documentation: [Systems Analysis, Design, and UI/UX](#)

Final Project – Digital Image Processing

Object Detection with YOLOv8

July – August, 2024

1. Developed image processing algorithms for enhancement and filtering using Python and OpenCV.
2. Implemented user interface for image upload, preview, and filter selection.
3. Applied techniques such as histogram equalization, edge detection, and noise reduction.
4. Enabled real-time image processing with performance optimization.
5. GitHub: https://github.com/hanavanilla20/ProjectUAS-PCD_ObjectDetection-withYOLOV8.git

Final Project – Mobile Programming

Online Cafe Android Application

August, 2024

1. Built front-end pages and prototypes using Android Studio.
2. Implemented user registration and login features with Firebase integration.
3. Developed responsive and user-friendly interfaces.
4. Implemented page navigation using intents and adapters.
5. GitHub: https://github.com/hanavanilla20/Nurul-Hasanah_2207411036_ProjectUAS-MobileProgramming.git

Final Project – Project Based Learning

Make a Chatbot System and Recommendation System

March 3 – June 19, 2025

1. Conducted dataset search and cleaning
2. Creating a model from the dataset (using decision tree)
3. Implementing the model into the recommendation system
4. Creating a chatbot using N8N
5. GitHub: <https://github.com/farizhaidar/PBL.git>

Additional Information

Technical & Soft Skills: Microsoft Office, SQL, Python (basic), Microsoft Power BI, Tableau, Data Analyst, React, Laravel, Leadership, Communication, Team Management, Time Management, Agile Methodologies

Certification:

- | | |
|--|-------------------|
| 1. Introduction to Data Science with R, DQLab Academy | August 16, 2021 |
| 2. Pengenalan Metaverse (Metaverse 101) (Thematic Academy), Digital Talent Scholarship | May 25, 2023 |
| 3. Mini Course (Intro to Data Analytics), RevoU Tech Academy | August 30, 2024 |
| 4. Sertifikat Kepesertaan MSIB Batch 7, Kampus Merdeka | December 24, 2024 |
| 5. Sertifikat SIB Kampus Merdeka Batch 7, RevoU Tech Academy | January 4, 2025 |