



Yusuf Hasan Nazila

Aspiring Project Manager, Backend Engineering, and Network Engineer

Contact Information

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Objective

An Informatics Engineering graduate from the Sepuluh Nopember Institute of Technology, having completed all academic requirements and now awaiting formal graduation. I am driven by a deep interest in backend engineering and the architecture of scalable systems, and I am eager to contribute my understanding of the full software lifecycle to help build robust applications. My technical skills are enhanced by a passion for project management and computer networks, making me ready to collaborate in delivering complete technology solutions.

Education

Institut Teknologi Sepuluh Nopember - Surabaya

Jul 2021 – Sept 2025

Bachelor's in Informatics Engineering,

GPA 3.51/4.00

Undergraduate Thesis & Publication

Development of a Payroll Module: Fingerprint Integration

and Automated Position-Based Salary Calculation with KinderFin 2.0 - Surabaya

Mar 2025 – Aug 2025

- Authored a scientific paper based on this project, published in JURNAL TEKNIK ITS
- Developed a payroll module for the KinderFin 2.0 application that successfully resolved inefficiencies in manual salary systems
- Engineered a system to automate salary calculations based on attendance, allowances, and deductions integrated with job position data.
- Improved payroll management efficiency by 83.33%, reducing the process from a 30-minute manual task to just 5 minutes within the application.
- Technologies: Node.js, Express.js, Next.js, PostgreSQL, Clean Architecture Modular Structure.

Internship

IT Intern, Hospital Information System (SIRS) Division - Gresik, Indonesia PT. Petro Graha Medika

Aug 2024 – Nov 2024

IT Intern

- Developed a web-based information system using CodeIgniter and MySQL to monitor device damage and manage inventory stock, improving the efficiency of tracking and repairs.
- Designed and built a web application for IP address management to streamline network device monitoring and remote troubleshooting for hospital staff.
- Implemented a Python script using the Pandas library to automate the sorting and cleaning of thousands of rows of attendance and doctor's financial data, significantly enhancing reporting accuracy.
- Contributed to network infrastructure stability by performing RJ45 crimping to integrate new computers into the hospital's local area network.

Study Experience and Projects

Capstone Project: Animal Pedia –Bangkit Academy - Bandung

Feb 2024 - Jun 2024

Cloud Computing Learning Path

- Integrated machine learning with mobile development using APIs to retrieve and process data.
- Developed a project on connecting machine learning with mobile development, accessible on [GitHub](#).

Website Online Shopping Group Project - Surabaya

Dec 2023

Graphic Designer and Evaluator

- Create online shopping website with CodeIgniter
- Designed and Create the Website with CodeIgniter
- Project details available on [GitHub](#)

Website Cinema Booking Group Project - Surabaya

Nov 2023

Graphic Designer and Evaluator

- Create cinema booking website with CodeIgniter
- Designed and Create the Website with CodeIgniter
- Project details available on [GitHub](#)

Text to Image Generator Group Project - Surabaya <i>Evaluator and Trainer Model</i> <ul style="list-style-type: none"> Combined user-generated images with Surabaya-themed backgrounds. Evaluated and trained the model for various imaginative scenarios in Surabaya Project details available on GitHub and Hugging Face. 	Aug 2023 - Nov 2023
Rovirus Mini Game Group Project - Surabaya <i>Software Integrator</i> <ul style="list-style-type: none"> Integrated multiple code bases to enhance game functionality. Designed game elements and ensured seamless code integration. Project details available on GitHub. 	Aug 2022 - Sep 2022

Organisational Experience

Pemandu FTEIC ITS 2023 – Surabaya <i>Pemandu Forkom Connectrix FTEIC ITS 2023</i> <ul style="list-style-type: none"> Event faculty and Departement manegerial training event 	May 2023 – Nov 2024
Keluarga Muslim Informatika - Surabaya <i>Head of Public Relations Division</i> <ul style="list-style-type: none"> Establish relationships with departments and organizations within ITS. 	Feb 2023 - Mar 2024
UKM TENIS LAPANGAN ITS - Surabaya <i>Division member of Big Event</i> <ul style="list-style-type: none"> Handling All events at UKM 	Jan 2022 - Dec 2023
KFU 2022 and 2023 SMA N 1 PEKALONGAN - Pekalongan <i>Speaker</i> <ul style="list-style-type: none"> Introduced state university majors to high school students. 	Jan 2022 and Jan 2023
KPU HMTc – Surabaya <i>Campaign and Documentation Staff</i> <ul style="list-style-type: none"> Planned and executed effective campaigns and maintained organized documentation. 	Nov 2022 - Jan 2023
Mentor for Islamic Studies ITS 2022/2023 - Surabaya <i>Mentor</i> <ul style="list-style-type: none"> Conducted mentoring sessions and assessed mentees. 	Oct 2022 - Nov 2022

Skills, Achievements & Other Experience

Technical Skills:		
<ul style="list-style-type: none"> HTML: Expert JavaScript Programming: Expert C++ Programming Language: Expert C Programming Language: Expert 	<ul style="list-style-type: none"> MY SQL: Expert POSTGRE SQL : Expert Google Cloud Platform (GCP): Intermediate Python Programming Language: Intermediate 	<ul style="list-style-type: none"> CSS: Intermediate Code Igniter: Intermediate Machine Learning with Google Cloud : Beginner
Soft Skills:		
<ul style="list-style-type: none"> Public Speaking: Proficient Time Management: Proficient 		

Leadership & Management Training

Advanced Student Management Training (LKMM Pelatihan Pemandu - PP) - Surabaya <i>Participant</i> <ul style="list-style-type: none"> Completed advanced training focused on facilitation methodologies, instructional design, and strategic leadership to qualify as a trainer. 	2023
Intermediate Student Management Training (LKMM-TD) - Surabaya <i>Participant</i> <ul style="list-style-type: none"> Acquired foundational skills in organizational management, teamwork, and project planning for effective team contribution. 	2022
Pre-Basic Student Management Training (LKMM Pra-TD) - Surabaya <i>Participant</i> <ul style="list-style-type: none"> Acquired foundational skills in organizational management, teamwork, and project planning for effective team contribution. 	2021

References

Available upon request