

Farhan Muhammad Najib

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SUMMARY

UIN Jakarta informatics engineering graduate with 3.78 GPA. Skilled in machine learning, DevOps, and web design. Proficient in Python, Terraform, DevOps automation tools, and other languages. Creative and communicative machine learning engineer.

EXPERIENCE

UI/UX Designer Internship

Kampoeng Koding

September 2022 - January 2023, Jakarta

As a UI/UX Designer Intern at Kampong Koding, I led the development of the company's website, ensuring it was responsive and optimized. This experience honed my problem-solving skills, a key aspect of Machine Learning and DevOps engineering.

Key skills acquired :

- **Problem-Solving:** Translated complex client needs into effective design solutions.
- **Collaboration:** Worked with a development team, fostering a DevOps culture.
- **Project Management:** Delivered projects on time and within budget, similar to managing ML model development or DevOps pipelines.
- **Figma Proficiency:** Experience with Figma can aid in developing ML-driven UX improvements.
- **UX Design Principles:** Understanding user needs can guide ML model development for user-centric applications.

EDUCATION

Bachelor's degree in Informatics Engineering

State Islamic University Syarif Hidayatullah • Ciputat, South Tangerang City • GPA : 3,78

September 2019 - September 2023, Jakarta

- Contributed as an active member of the Informatics Engineering Student Association.
- Secured the Cloud Developer Scholarship Program with content from Amazon Web Service by dicoding.com.
- Attained the DevOps Intermediate Scholarship from the DBS Foundation Coding Camp 2023 Program.
- Achieved the Indosat Ooredoo Hutchison (IDCamp) 2023 Scholarship Program on the Beginner-Machine Learning Developer Learning Path.
- Honored with a Certificate of Appreciation from ASESI LIPPA as the 3rd Winner of the Sharia Economic Hackathon 2021 at the National Level.

CERTIFICATIONS

Learn Machine Learning for Beginners

Dicoding Indonesia • 2023

- Completed a 30-hour Basic Machine Learning course.
- Mastered basic concepts and algorithms of Machine Learning, including supervised and unsupervised learning, support vector machine, neural network, and TensorFlow.
- Implemented Machine Learning models for data processing, encompassing data collection, data cleaning, data processing, and image classification.
- Achieved satisfactory score in image classification final project, with an accuracy of 97%.

Learn Basic Structured Query Language (SQL)

Dicoding Indonesia • 2023

- Completed an 11-hour basic SQL course.
- Understood industry-standard data, database, and DBMS concepts.
- Mastered various basic SQL queries such as DDL, DML, constraints, and basic query for effective data management.
- Passed the final exam of the course with a satisfactory score.

Getting Started with Programming in Python

Dicoding Indonesia • 2023

- Completed a 35-hour Basic Python course.
- Mastered Python programming fundamentals, using industry-standard IDEs like Visual Studio Code, Jupyter Notebook, and Google Colaboratory.
- Developed Python programs covering data, expressions, sequential actions, control flow, array, matrix, subprogram, object-oriented programming, style guide, unit testing, and popular libraries.
- Achieved a satisfactory score in the final exam.

Learn Basic Data Visualization

Dicoding Indonesia • 2023

- Completed a 16-hour Basic Data Visualization course.
- Acquired industry-standard data visualization concepts and techniques, using Google Sheets.
- Created professional and attractive data visualizations.
- Achieved a satisfactory score in the final exam.

Learn CI/CD Implementation

Dicoding Indonesia • 2023

- Completed a 30-hour course and mastered the concepts and practices of CI/CD as one of the applications of DevOps to improve the application development process.
- Implemented continuous integration, continuous deployment, operation and monitoring, and DevSecOps using various tools and technologies such as Jenkins, Docker, Kubernetes, and others.
- Passed the final exam of the course and submission (final project) of creating a CI/CD pipeline using Jenkins with a satisfactory score.

Become a Linux System Administrator

Dicoding Indonesia • 2023

- Completed a Basic Linux course for 25 hours.
- Learned the ins and outs of the Linux operating system as a step to becoming a competent Linux System Administrator.
- Operated the Linux operating system proficiently, from interacting with shell, filesystem, shell scripting, Linux services, system maintenance, to VM and container.
- Passed the final exam of the course and submission (final project) of configuring SSH server with a satisfactory score.

Learn Computer Networking for Beginners

Dicoding Indonesia • 2023

- Completed a 25-hour course, covering theory and practice of computer networks in AWS.
- Used Python, AWS, Linux, Wireshark, and Cisco Packet Tracer.

Learn DevOps Basics

Dicoding Indonesia • 2023

- Completed a 15-hour course, learning culture, practices, and tools of DevOps.
- Acquired knowledge to enable faster, more efficient, and secure application development.

Architecting on AWS

Dicoding Indonesia • 2023

- Completed a 40-hour course, learning concepts and practices of cloud computing with AWS Console and AWS CLI.
- Developed skills to create reliable, secure, and optimal cloud architecture on AWS.

Cloud Practitioner Essentials

Dicoding Indonesia • 2023

- Completed a 13-hour course, learning the concepts, services, infrastructure, architecture, security, and cost of AWS Cloud.
- Gained hands-on practice with AWS Management Console.

INVOLVEMENT

Data Management Officer

State Islamic University Syarif Hidayatullah, Jakarta • Informatics Engineering Student Association • June 2020 - December 2020

As a Data Management Officer at the State Islamic University Syarif Hidayatullah, Jakarta, I upheld a 95% accuracy rate in student data collection, rectified 30% of system data errors, and safeguarded data privacy. This role sharpened my data management and problem-solving skills, vital for Machine Learning and DevOps engineering.

Key skills acquired:

- **Data Management:** Upheld accuracy and rectified errors in data collection.
- **Problem-Solving:** Transformed complex data issues into effective solutions.
- **Data Privacy:** Safeguarded privacy and granted access only to authorized personnel.
- **Collaboration:** Fostered a DevOps culture through teamwork.

SKILLS

Machine Learning : Python, SQL, Tensorflow, Scikit-learn, Oracle, AWS, GCP, Excel

DevOps : Terraform, Kubernetes, Docker, Jenkins, Github, Github Action, Linux

Soft Skill : Problem Solving and Critical Thinking, Detail-oriented skills, Time-management and organizational skills, Adaptability, Verbal and written communication skills,

Communication, Flexibility, Leadership, Decision making, Passion, Resilience