Muhammad Naufal

Software Engineer

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📍 Jakarta, Indonesia

SUMMARY

A strong technical foundation has been built through over two years of hands-on experience in Fullstack Development and Data Engineering, particularly in Odoo, PostgreSQL, Golang, and Laravel. Effective collaboration with both the QA and Functional teams, allowing for the delivery of features and improvements, is a notable skill, as well as experience working with international teams, which highlights adaptability and a global perspective.

My career aspirations revolve around programming, specifically in Backend Development, Fullstack Development, and Data Engineering. Enthusiasm exists for using skills and expertise to contribute to programming projects and continually improving capabilities in these areas.

EXPERIENCE

Software Engineer   02/2022 - Present
BMG Indonesia

- Build scalable and maintainable applications and services (Odoo and some Backend services)
- Maintain and Optimizing existing applications and services (Odoo and some Backend Services)
- Maintain and Optimizing SQL queries for applications and services (Odoo Dashboard and Report also some Backend Services as well for some dashboarding apps such as Metabase and PowerBI)
- Implement Docker as the container for deployment
- Implement a Cloud Platform for deployment
- Collaborate with QA and Functional team to deliver features and improvements
- Collaborate with the Overseas team

Freelance Software Developer, Designer and Teacher   05/2018 - Present
Freelance ↗

Teacher:

- Teaching various subjects, such as Physics, Math and Programming

Software Developer:

- Developing website
- Build script for automation
- Build a small library
- Do an open-source project and contribution

Designer:

- Create thumbnail, logo, pamphlet, banner and standing banner using Canva, Adobe Photoshop and Adobe Illustrator

Machine Learning Intern   02/2021 - 08/2021
Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

- Build Machine Learning models with Scikit-Learn and TensorFlow
- Maintain and Improve existing Machine Learning models
- Do a deployment machine learning model on the web with tf-js and the mobile with tf-lite
- Implement Docker for Machine Learning Deployment
- Build an API to communicate the Machine Learning model with external apps

Laboratory Assistant   07/2018 - 12/2021
UIN Syarif Hidayatullah Jakarta

Leading and Teaching the student how to operate and achieve the result as cited in the practitioner module for several courses such as:

- Basic Physics for University
- Electronics
- Advanced Electronics
- Computational Physics using Python
- Instrumentation Programming using Python and C++
- Advanced Physics for Undergraduate

EDUCATION

Physics   07/2017 - 11/2021
Syarif Hidayatullah Jakarta State Islamic Universities - Bachelor of Science

Bachelor of Science degree with a major in Physics. During my studies, I also learned programming languages like Python, C++, and MATLAB, which gave me programming skills. My education in physics has provided me with a strong foundation in scientific principles, and my programming skills enable me to apply this knowledge in practical ways. This combination allows me to approach complex problems with both a scientific and computational mindset, making me well-prepared for various professional roles that require analytical thinking and technical expertise.

Thesis: Web-Based Application to Classify Skin Cancer with Deep Learning

GPA: 3.8

CERTIFICATES

DeepLearning.AI TensorFlow Developer Professional Certificate   04/2021 - Present

Google IT Automation with Python Professional Certificate   03/2021 - Present

TensorFlow Developer Certification   09/2021 - 09/2024

SKILLS

Python (Django, Flask, Odoo)   Big Data (PowerBI, BigQuery, Metabase)

JavaScript (NodeJS, jQuery, ExpressJS)   Machine Learning (TensorFlow, Scikit-Learn)

PHP (Laravel)   Cloud (Azure, GCP, AWS, Firebase)

Go   Markup Language (HTML, CSS, Markdown, LaTeX)

SQL (PostgreSQL, MySQL)   Git

Linux and Docker

LANGUAGES

Indonesia   Native   English   Intermediate