Muhammad Reza Azhar Priyadi

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muhammad reza azhar priyadi

EDUCATION

2019 – 08/2023 Jakarta, Indonesia
Bachelor of Computer science (BSc)
Bina Nusantara University
Having GPA of 3.59 (out of 4.00)

2016 – 2019 Jakarta, Indonesia
SMAN 47 Jakarta
science major

02/2022 – 07/2022
Bangkit Academy
Bangkit 2022 Graduate

PROFILE

A Computer Science Bachelor student at Bina Nusantara University who wants to gain experience and learn new things, especially in the field of Artificial Intelligence such as machine learning, data science, and deep learning. my last GPA is 3.59, and I have experience enrolling Bangkit program in machine learning at Bankit 2022. I have developed analytical and practical skills through my degree, proven by my knowledge of several programming languages. I am looking to develop and put my skills to use to be able to work professionally and efficiently as a Junior Machine Learning Engineer

PROFESSIONAL EXPERIENCE

05/2025 – 08/2025
Management Trainee 2 - Cloud Engineering
Lintasarta
Focusing on auditing and standardization, I created a documentation platform with Backstage.io and customized compliance policy benchmarks with PowerPipe.

11/2024 – 04/2025
Management Trainee 1 - AI Developer
Lintasarta
Migrating AI apps to use GPUs with Docker for optimal and efficient deployment. And creating a monitoring system with Prometheus and Grafan.

07/2024 – 10/2024
Data Scientist Intern
Lintasarta

SKILLS

C

C++

PYTHON

Mathematics for Machine Learning

Machine Learning

Computer Vision

Tensorflow

Pytorch

Kubernetes

docker

Chatbot Development

Github

LANGUAGES

- Indonesia
- English

CERTIFICATES

- Crash Course on Python
- Troubleshooting and Debugging Techniques
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning
- Sequences, Time Series and Prediction
- Data Pipelines with TensorFlow Data Services
- Mathematics for Machine Learning: PCA
- Using Python to Interact with the Operating System
- Configuration Management and the Cloud
- Convolutional Neural Networks in TensorFlow
- Browser-based Models with TensorFlow.js
- Advanced Deployment Scenarios with TensorFlow
- Certificate presenter in 10th INTERNATIONAL CONFERENCE ON ICT FOR SMART SOCIETY (ICISS) 2023 SEPTEMBER 6th-7th,2023
- Introduction to Git and GitHub
- Automating Real-World Tasks with Python
- Natural Language Processing in TensorFlow
- Device-based Models with TensorFlow Lite
- Mathematics for Machine Learning: Linear Algebra
- Certificate of Lintasarta Internship for Future Talent 2024

PROJECTS

05/2025 – 08/2025

The Unified Knowledge Platform: Driving Internal Efficiency and External Assurance

Led a strategic knowledge governance initiative by deploying **Backstage.io** to centralize technical documentation and streamline developer operations. Simultaneously, implemented and customized an automated audit engine using **PowerPipe** to continuously validate Kubernetes compliance. Key achievement includes modifying the engine to recognize proprietary components, which eliminated critical validation gaps and significantly strengthened the company's overall security and governance posture.

11/2024 – 04/2025 **Solving Business Challenges in MRD and FinSol: Product Development Impact**
Key achievements during OJT include resolving system performance issues through VM GPU migration, Redis caching implementation, and robust monitoring system setup. These efforts led to enhanced user experience, improved data quality, and increased system scalability, ultimately driving business growth. The OJT experience provided valuable hands-on experience in resolving complex technical issues and implementing innovative solutions to drive business success

09/2024 – 10/2024 **Sovereign AI: A Case for a Locally-Hosted, RAG-Powered Chatbot**
Implemented a Sovereign AI chatbot, leveraging RAG technology for efficient information retrieval and generation. Deployed the model locally to ensure data privacy and improve response times.

02/2023 – 07/2023 **Final Project Thesis Comparing Palm Ripeness Detection**
Comparison Of The Best Object Detection Algorithm Between Yolo And Efficientdet For Detecting Ripeness Classification Of Oil Palm Fresh Fruit Bunch
Research on comparison of the best model object detection between YOLOv8 and EfficientDet Lite for accurately detecting ripe palm fruit in mobile device. Became one of the paper published in international conference ICISS 2023 https://ieeexplore.ieee.org/document/10291928/authors#authors

04/2022 – 06/2022 **CAMerlang Project**
A Bangkit 2022 capstone project (product-based) for detecting, diagnosing, and receiving advices of your skin problems

COURSES

Google IT Automation with Python
Coursera

DeepLearning.AI TensorFlow Developer
Coursera

TensorFlow: Data and Deployment
Coursera

Mathematics for Machine Learning
Coursera