

MOHAMMAD DHIKRI

Python Engineer & Prompt Engineer

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SUMMARY

Innovative Python Engineer and Fullstack Web Developer with 5+ years of professional Python experience specializing in machine learning, data science, AI-driven solutions, and prompt engineering. Proven expertise in LLM optimization, generative AI workflows, and API orchestration, alongside a strong track record in developing robust web applications using Laravel, PHP, and modern web technologies.

EXPERIENCE

Fullstack Laravel Developer and Data Analyst (Full-Time)

PT. Aura Harmoni Estetika

05/2024 - Present Bandung, Indonesia

A company focusing on beautification and aesthetics services

- Developed and deployed Clerina Group's employee attendance system, reducing attendance system service costs by \$700/month using Laravel.
- Amplified sales analysis efficiency by 30% through a comprehensive dashboard for sales and orders.
- Conducted CRM and sales data analysis, generating actionable insights that led to a 25% increase in company productivity using Python.

Python Engineer (Part Time)

The SEO Copilot

05/2024 - Present Singapore, Singapore

A company specializing in SEO services

- Automated content retrieval, regeneration, and reposting for 100+ websites using Python.
- Developed Python scripts for navigating topical_map.ai using Selenium, reducing manual mapping time by 90%.
- Designed a codebase with 27 clean methods under a Cambridge Ph.D. supervision for enhanced collaboration.

LLM Python Engineer (Freelance)

Turing

09/2024 - 10/2024 Remote

A platform connecting companies with top freelance software developers

- Improved AI model accuracy by 15% through systematic evaluation and optimization of responses.
- Reduced data annotation time by 10% for function-calling applications, streamlining project timelines.
- Achieved 15% improvement in AI model performance through effective optimization techniques and data annotation efforts.

Data Scientist and Fullstack Engineer (Full-Time)

PT. Fortech Indotama (Fortech)

02/2023 - 05/2024 Bandung, Indonesia

A technology company focused on data solutions

- Developed a data scraping system that processed 100 datasets, enhancing government data visualization.
- Generated a marketable dashboard IT product resulting in 40% revenue growth.
- Built a sentiment analysis app using OpenAI API that heightened client decision-making speed by 45%.

Data Scientist and Fullstack Engineer (Full-Time)

PT. Global Data Inspirasi (DataIns)

03/2022 - 02/2023 Yogyakarta, Indonesia

A company focused on data analytics solutions

- Developed computer vision models with 85% accuracy for traffic monitoring
- Created a transportation analytics app improving route efficiency by 25% using Laravel.
- Built a dashboard for urban planning, processing data from 1M+ residents

CERTIFICATION

Certified as Data Engineer Associate (DataCamp 2023-2025)

Certified SQL Associate (DataCamp 2023 -2025)

Certified as Data Analyst Professional (DataCamp 2023-2025)

Certified as Data Scientist Professional (DataCamp 2023-2025)

KEY ACHIEVEMENTS

Employee of the Year at Fortech Indotama 2023

Recognized for outstanding performance and significant contributions to company growth, demonstrating exceptional leadership and innovation

Data Visualization Instructor at KOMINFO Indonesia

Led comprehensive data visualization workshops, training government officials and professionals in effective data communication techniques

SKILLS

Python		Prompt Engineering		
LLM Optimization		API Orchestration		
Generative AI		Workflow Automation		
OpenAI API		Content Generation		
Analyzing Data		ArcGIS	Chart.js	CRM
CSS	HTML	JavaScript	Laravel	
MongoDB		Microsoft Power BI		Next.js
Nginx	PHP	PostgreSQL	React	Redis
Selenium		Sentiment Analysis		SEO
Tableau		Tailwind	Ubuntu	Unit Testing
Vue.js		WordPress	RESTful API	
Express.js		Looker	Creative Problem Solving	
Multimedia Processing		NLP	PySpark	
TensorFlow		MySQL	Deep Learning	
Image Processing		Microsoft Excel		
Google Spreadsheet				

EXPERIENCE

Fullstack Engineer (Freelance)

WebApps

10/2020 - 04/2022 Bandung, Indonesia

A freelance web development service

- Developed interactive websites for university events supporting 1,000+ users
- Led the design and development of the Prabu UNPAD website for 10,000+ new students
- Built a comprehensive student orientation system during the COVID-19 pandemic using Laravel.

Python Engineer and Assistant Researcher (Freelance)

Telkom University

12/2020 - 02/2023 Bandung, Indonesia

A university that emphasizes technology and research

- Processed 5 data sources by cleaning and transforming data alongside Twitter data crawling.
- Enhanced tweet relationship analysis capacity by 40% leveraging recursion functions and the networkx library.
- Executed machine learning processes that increased research efficiency by 25% in sentiment analysis applications.

EDUCATION

B.Sc. Computer Science

Padjadjaran University

08/2018 - 01/2022 Bandung

LANGUAGES

English

Proficient



Indonesian

Native



TRAINING / COURSES

Data Science with Python Track

Python and Django Fullstack Web Developer Bootcamp

Data Engineer Career Track (DataCamp)

Big Data with PySpark (DataCamp)

Deep Learning in Python Track (DataCamp)

Image Processing with Python Track (DataCamp)

Creative Problem Solving (University of Minnesota)

Power BI Desktop for Business Intelligence (Maven Analytics)

HTML, CSS and JavaScript for Web Developers (Johns Hopkins University)

SQL for Business Analyst (DataCamp)

Marketing Analytics in Python (DataCamp)

Data Analytics with Tableau Course (DataCamp)

FIND ME ONLINE



Github

github.com/Dhik



LinkedIn

linkedin.com/in/mohammad-dhikri/

REFERENCES

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PROJECTS

Website Epicentrum Faculty of Communication Sciences UNPAD 2022

01/2022 - 12/2022

Website for Epicentrum Faculty of Communication Sciences UNPAD 2022 supporting event registration

- Developed with MySQL, PHP, Laravel, and JavaScript to enhance user engagement

Website Prabu UNPAD 2021 & 2022

01/2021 - 12/2022

Website for Prabu UNPAD 2021 & 2022 providing interactive features

- Designed and developed a student management system to facilitate new student orientation during COVID-19.

ClerinaGroup Dashboard Analysis

01/2024 - 04/2024

ClerinaGroup Dashboard Analysis created for performance monitoring

- Utilized Laravel and JavaScript for developing a dashboard analysis system

News Analyzer Web Application from Google News

01/2023 - 04/2023

Automated web application for news analysis

- Developed a news analyzer web application based on Google News for content curation

Predictive Analysis Web Application using Django

01/2023 - 04/2023

predictive application for forecasting and data analysis

- Created a predictive analysis web application utilizing Django and machine learning techniques

Creation Highway Surveillance Web Application

01/2023 - 04/2023

Creation of surveillance application for monitoring traffic

- Built a highway surveillance web app using computer vision techniques

Modern Wedding Invitation Platform

01/2023 - 04/2023

Wedding invitation platform for creating and managing invites

- Developed a modern wedding invitation platform using React and TypeScript

Corporate Profile Website

01/2023 - 04/2023

Corporate website design and development

- Created a corporate profile website using Vue.JS and Tailwind CSS

Student Database Management System

01/2023 - 04/2023

Database management for student information

- Developed a student database management system with Vue.js and TypeScript