

Mochammad Rizki Aji Santoso

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Fresh Graduate in Informatics Engineering | Fast Learner in Data Analytics, Machine Learning & Web Technologies | Seeking Entry-Level Role in Tech

Fresh graduate in Informatics Engineering with hands-on experience in data analytics, machine learning, and web development. Proficient in Python, SQL, HTML, CSS, JavaScript, and Scikit-Learn, with strong skills in data preprocessing, visualization, and predictive modeling. Passionate about solving real-world problems through data-driven solutions, intelligent systems, and user-friendly web technologies. Eager to contribute as a junior data analyst, AI/ML engineer, or web developer.

EDUCATION

Informatics Engineering Trunojoyo Madura University	Sep 2020 - Mar 2025 GPA: 3.58
• Active in campus organizations and technical communities	


WORK EXPERIENCE

Data Analytics For Climate Change Resolution And Sustainable Development Zenius Education	Aug 2023 - Dec 2023 Jakarta, Indonesia
Participated in the Kampus Merdeka Certified Independent Study Program (MSIB Batch 5) at Zenius Education, Focused on data analytics for climate change, involving data cleaning, visualization, multivariate analysis, and time series forecasting with weather data.	

ORGANIZATIONAL & VOLUNTEER EXPERIENCE

Member of the Community Service Department Forum Nasional Mahasiswa Lamongan (FORNASMALA)	Aug 2022 - Jul 2024 Indonesia
Developed community outreach initiatives and collaborated with local stakeholders, including PMD, DINSOS, and UMKM.	
Member of the Human Resources Development Department PAC IPNU IPPNU Kecamatan Lamongan	Mar 2022 - Mar 2024 Lamongan, East Java
Led community engagement and training programs for youth development	
CO External Affair Google Developer Groups on Campus - Trunojoyo Madura University	Sep 2022 - Aug 2023 Bangkalan, East Java
- Built partnerships with campus and external tech communities - Managed media and sponsorships for GDG events	








PROJECTS

Rainfall Prediction Using Ensemble Support Vector Regression Method 	Sep 2024 - Jan 2025
This project was developed as a final undergraduate thesis, focusing on rainfall forecasting using an ensemble Support Vector Regression (SVR) method. The dataset was sourced from the Perak I Meteorological Station in Surabaya, comprising temperature, humidity, wind speed, and rainfall data.	
Mover: Data-Driven Solutions for Climate Change	Nov 2023 - Dec 2023
Developed a prototype application aimed at promoting public transportation to reduce air pollution in Indonesia, supporting the goals of the Paris Agreement. The project emphasized raising awareness through data visualization and persuasive design, contributing to sustainability and public health initiatives.	
Web-Based Application System Warung Ijo Bu Nik Using Agile Method	Oct 2022 - Dec 2022
This project was created as part of the final assignment for the Software Project course. We developed a website information system to facilitate sales transactions at Warung Ijo Bu Muhyi, aiming to speed up the service process. This project uses the Agile methodology, involving a Product Owner, Scrum Master, and Developer team in the application development.	

SKILLS

Soft Skills: Communications, Leadership, Time Management, Critical and Analytical Thinking, Teamwork, Project Management, Research
Hard Skills: Data Analysis, Machine Learning, Natural Language Processing (NLP), Web Development, SQL & Database Management, CMS (WordPress)
Tools & Technologies: Python, Scikit-learn, MySQL, HTML, CSS, JS, PHP, Bootstrap, Git, Google Workspace, Microsoft Office, Canva, VS Code, Jupyter Notebook

CERTIFICATIONS

Belajar Penggunaan Generative AI (Credential ID: ERZRE3LW2XYV)  by Dicoding Indonesia	May 2025
AI Praktis untuk Produktivitas (Credential ID: NVP75R4MOXR0)  by Dicoding Indonesia	May 2025
DATA SCIENCE FUNDAMENTALS (Credential ID: DQLABFREECLASS01QDSTAL)  by DQLab	Jul 2024
Asean Data Science Explorers 2024 Enablement Session  by ASEAN Foundation	Apr 2024
Belajar Dasar Manajemen Proyek (Credential ID: JMZVD9GYJZN9)  by Dicoding Indonesia	Dec 2023
Memulai Pemrograman dengan Python (Credential ID: N9ZO5J6GDPG5)  by Dicoding Indonesia	Oct 2023
TOEFL Certificate of Achievement  by English Skill	Sep 2023