

Juan Aditya

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PROFILE

Enthusiastic and dedicated Electrical Engineering graduate from Universitas Negeri Semarang. Proficient at leveraging technical skills in Python, Google Colab, Jupyter Notebook, MongoDB, Flutter, and modern web technologies. Keen interest in machine learning and computer vision, aspiring to apply technology to solve real-world challenges.

EXPERIENCE

Freelance Software Developer & Mentor

Indonesia

Remote

2022 – Present

- Designed, developed, and deployed full-stack web applications tailored to client needs.
- Built dynamic and responsive websites such as ultranindosedayu.com using Laravel, Filament, MySQL, and Tailwind CSS.
- Developed frontend-focused projects like digdayaputra.vercel.app with optimized UI/UX and mobile responsiveness.
- Provided personalized mentoring and technical guidance to individuals working on projects involving Telegram bots, computer vision, and Python programming.
- Assisted clients in overcoming technical challenges and delivering their projects successfully.
- Collaborated effectively with clients to understand requirements and deliver solutions on schedule.
- **Tools:** Laravel, Filament, Tailwind CSS, MySQL, Python, HTML, JavaScript, Vercel

PT. Global Data Inspirasi

Yogyakarta, Indonesia

Project Manager - Intern

February 2023 – July 2023

- Developed and implemented a crowd detection system using Python programming language.
- Utilized YOLOv5 object detection algorithm to accurately identify and analyze objects within crowded environments.
- Collaborated with cross-functional teams to ensure successful project completion.
- Gained hands-on experience in implementing computer vision solutions for real-world applications.
- **Tools:** Python, Google Colab, OpenCV

PT. Orbit Ventura Indonesia

Jakarta, Indonesia

Independent Study

August 2022 – December 2022

- Developed and implemented a mental health chatbot on the Telegram platform using the Python programming language.
- Applied Long Short-Term Memory (LSTM) algorithm to enhance the chatbot's natural language processing capabilities.
- Explored and gained proficiency in various domains including data science, natural language processing (NLP), computer vision, and web development.

- Collaborated with cross-functional teams to ensure the successful development and deployment of the chatbot.
- Acquired hands-on experience in implementing cutting-edge solutions for real-world applications in the field of mental health and technology.
- **Tools:** Python, Google Colab, Jupyter Notebook, Tensorflow, OpenCV

EDUCATION

State University of Semarang
Bachelor of Electrical Engineering
Cumulative GPA: 3.68/4.0

Semarang, Indonesia
2020 – 2025

ACHIEVEMENTS

1st Prize in AI 4 JOBS at Orbit Habibie TechFest 2022

Jakarta, Indonesia

- **Project:** "Implementasi Algoritma LSTM Pada Telegram Bot Untuk Deteksi Dini Gejala Anxiety Disorder"
- Demonstrated proficiency in implementing advanced algorithms (LSTM) for early detection of anxiety disorder symptoms.
- Developed a Telegram Bot as a practical application of artificial intelligence.
- Showcased problem-solving skills and innovation in the field of AI.

CERTIFICATION

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| • Google IT Automation with Python Specilization, Coursera | Issued Jan 2024 |
| • Prompt Engineering Specialization, Coursera | Issued Jan 2024 |
| • DeepLearning.AI TensorFlow Developer, Coursera | Issued Dec 2024 |

SKILLS AND INTERESTS

Language	: Bahasa Indonesia, English
Computer Skills	: Python, Google Colab, Jupyter Notebook, MongoDB, Pandas, Numpy, Scikit-learn, Tensorflow, OpenCV, Flutter, Microsoft Office
Interests	: Internship Deep Learning Machine Learning Computer Vision NLP Technology