



I GEDE JAYADI KURNIAWAN

085333378639 | jayadikurniawan27@gmail.com | linkedin.com/in/jayadi-kurniawan | jayadikurniawan.com
Denpasar, Bali

Fresh graduate in Informatics Engineering (GPA 3.86) with hands-on experience in data engineering, machine learning, and natural language processing. Skilled in Python, Javascript, PostgreSQL, Airflow, and Big Data with experience in building scalable data pipelines, data processing, data visualization, and developing machine learning models. Passionate about pursuing a career in Data Analyst and Data Engineer, leveraging technology to drive impactful solutions.

Experiences

PT Modular Kuliner Indonesia - Jakarta, Indonesia	Feb 2024 - Jun 2024
<i>Data Engineer Intern</i>	
<ul style="list-style-type: none">Designed and managed data pipelines with Airflow, executing 500+ tasks daily.Optimized BigQuery database, structuring data into multi-level storage (L1–L4) for efficient access.Automated data input from Google Sheets to BigQuery using AppScript, cutting processing time from 3 hours to 30 minutes.Developed reports used by company stakeholders, achieving 90%+ user satisfaction.Collaborated with tech and non-tech teams to translate business needs into data solutions.Awarded Best Intern for significant contributions and impact.	
Faculty of Computer Science - Malang, East Java	Sep 2024 - Dec 2024
<i>Database Practicum Assistant</i>	
<ul style="list-style-type: none">Taught SQL to 35 students across 14 modules, covering fundamental database queries.Evaluated and graded lab reports, with 95% of students achieving an A.Developed weekly exercises to reinforce SQL concepts and practical application.	

Education Level

Universitas Brawijaya - Malang, East Java	Aug 2021 - Dec 2024
<i>Bachelor of Informatics Engineering, 3.86/4.00</i>	
SMAN 4 Denpasar - Denpasar, Bali	Aug 2019 - Jul 2021
<i>Senior High School, Science Class, 93.00/100.00</i>	

Organisational and Committee

Unit Aktivitas Kerohanian Buddhis Organization - Malang, East Java	Jan 2022 - Dec 2022
<i>Staff Pemuda Sosial</i>	
<ul style="list-style-type: none">Coordinated 'E-Care' project, organizing a video competition across 4 divisions (2,300+ views) and managing monthly social media content (4 infographics, 1 video). Led equipment & operations for student orientation, reducing costs by 40%. Contributed to various committee activities, including Anjangsana, Samaya, and Social Service.	
Festifora Committee - Malang, East Java	Sep 2022 - Nov 2022
<i>Equipment Staff</i>	
<ul style="list-style-type: none">Ensured all necessary supplies and equipment were available before the event, achieving a 100% success rate. Provided technical support during events, ensuring seamless projector and sound system operations with a 98% operational success rate.	

Projects and Skills

<ul style="list-style-type: none">Hard Skills: Python, Machine Learning, Natural Language Processing, SQL, Data Visualization (dashboard), JavaScript, Airflow, DBTSoft Skills: Problem Solving, Attention to Detail, Collaboration & Teamwork, Self-Learning & InitiativeLanguage: Indonesian (Native), English (Toefl ITP: 563)	
<ul style="list-style-type: none">Weather Prediction Project (2023): Developed a backpropagation model with oversampling to address imbalanced data, achieving 80%+ accuracy.Stress Detection Project (2023): Built CNN & Naïve Bayes models for analyzing 5,000+ social media posts (Reddit: 80%, Twitter: 85% accuracy).Tsunami Classification Project (2024): Implemented XGBoost from scratch for earthquake-based tsunami potential classification, achieving 85% accuracy.Grammaticality Classification Project (2024): Compared RoBERTa & GPT-2 on the CoLA dataset, achieving 86.06% F1-score with RoBERTa, confirming its advantage for linguistic classification tasks.	