IGN. Brindawan Tri Guna Yoga

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Alamat

Aspiring data scientist with a strong foundation in statistical modeling, machine learning, and data visualization. Experienced in handling large datasets and building predictive models to deliver actionable insights. Proven ability to solve complex problems and communicate findings effectively. Passionate about leveraging data to drive business decisions.

Education

Telkom University	2022 - Now
Rekayasa Perangkat Lunak Aplikasi | GPA: 3.63 / 4.00	

Work experience

Techno Infinity   Sept 2024 – Jun 2025
System Analyst Intern

- Analyzed 10+ TB of data to develop machine learning models, increasing prediction accuracy by 15%.
- Automated data cleansing pipelines using Python and Apache Spark, reducing manual processing time by 30%.
- Collaborated with a cross-functional team of 8 to design visualizations in Tableau for key business metrics.

Project

Iwaku (Iuran Wargaku)   Aug - Jan 2023
Project leader and Backen Developer

- Developed a predictive model using Python and XGBoost to identify at-risk customers.
- Improved churn prediction accuracy by 18%, saving an estimated $500,000 in annual revenue.

FJB Telu   Nov - Jan 2024

Project leader

- Built an interactive dashboard in Power BI to visualize patient data for hospitals.
- Enabled real-time monitoring of key health metrics, reducing reporting delays by 50%.

Hitung Tacil   Feb - Jun 2024
Project leader

- Designed and implemented a fraud detection model using anomaly detection and clustering techniques.
- Reduced false positives by 20% compared to baseline models.

Competition

GEMASTIK (Pusat Penyelenggaran Nasional)	Aug - Jan 2023
Juara 3 dalam bidang UI/UX	
Hackathon Nusantara (Universitas Indonesia bekerjasama x Gojek)	Nov - Dec 2023

Juara 2 Kategori Inovasi Layanan Publik
Data Science Challenge Indonesia (Kominfo dan IBM)   Dec 2023 - Mar 2024
Juara 1 Kategori Analisis Sentimen

Certificate

Sertifikasi Profesional Pengembang Aplikasi Android	Jul 2023 - Jun 2024
Google Developer	
Sertifikasi Certified Ethical Hacker (CEH)	Nov - Dec 2023
EC-Council	
Sertifikasi AWS Certified Solutions Architect Associate	Dec 2023 - Mar 2024
Amazon Web Services (AWS)	
Sertifikasi Microsoft Certified: Azure Administrator Associate	Mar 2024 - Feb 2025
Microsoft	

Skills

- **Programming Languages:** Python, R, SQL, Java, Scala
- **Data Tools:** TensorFlow, PyTorch, scikit-learn, Tableau, Power BI
- **Cloud Platforms:** AWS, Azure, Google Cloud Platform (GCP)
- **Soft Skills:** Analytical thinking, teamwork, communication, problem-solving
- **Other:** Git, Docker, Apache Spark, Hadoop