CRISTIANO RONALDO

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A 3rd year Information Systems undergraduate at Universitas Multimedia Nusantara with strong analytical and technical capabilities in both data analytics and web development. Experienced in designing ETL pipelines, developing machine learning models, constructing interactive dashboards, also developing desktop and web-based applications using Python, SQL, Power BI, Tableau, PHP, JavaScript, Laravel, and Oracle APEX to transform complex data into insight and create digital solutions across business and sustainability domains.

Education Level

Universitas Multimedia Nusantara - Tangerang, Indonesia   Aug 2023 - Aug 2027 (Expected)

Bachelor of Computer, 3.92/4.00 (3rd Year)

Relevant Coursework : Data Analysis, Data Visualization, Data Warehouse, Data Modelling, Deep Learning, Probability and Statistic, Database Systems, Database Administration, Object-Oriented Programming, User Experience, Web Design and Development

Work Experiences

Universitas Multimedia Nusantara - Tangerang, Indonesia   Aug 2025 - Dec 2025

Website Design & Development Laboratory Assistant

- Conducted lab session for 14 weeks on HTML, CSS, JavaScript, PHP, Bootstrap, CodeIgniter, and Laravel.
- Guided a round of 40 students through lab modules, debugging issues, and improving their understanding of full-stack web development concepts.

Durrent Support - Tangerang, Indonesia   Sep 2025 - Dec 2025

Website Support & Maintenance

- Identified and resolved 5+ website bugs to ensure optimal performance and user experience.
- Collaborated with clients to understand their requirements and implement feature modification or enhancements.

Organizational Experience

Aura - Universitas Multimedia Nusantara   Mar 2025 - Dec 2025

Website Division

- Collaborated with the design and content divisions to implement visual concepts into responsive and functional website layouts, responsible for 2 main pages.
- Contributed to debugging, updating, and optimizing web elements to enhance their performance.

Visual Journalism Day - Universitas Multimedia Nusantara   Aug 2024 - Dec 2024

Fresh Money Division

- Identified and secured 10 potential revenue opportunities through sponsorship and paid promotions.
- Carried out fine regulations and recorded payments to maintain organizational compliance.

Qorie - Universitas Multimedia Nusantara   Feb 2024 - Jun 2024

Equipment Division

- Coordinated with 6+ divisions to understand their requirements while making sure the equipment stayed within budget.
- Supported on-site operations by arriving early for setup and staying late for post-event, also ensuring all equipment was safely returned.

Skills, Achievements & Other Experience

Data Analytics

Skills : Python, R, SQL, Pentaho, Tableau, Power BI, ETL, Data Visualization, Data Transformation,

Machine Learning, Deep Learning, IBM Granite

Supporting Activities :

- Designed a data warehouse architecture with ETL pipelines for a case study of an online clothing store to visualize 3 key performance metrics and support strategic decision-making.
- Developed 3 interactive dashboards from multiple data sources to represent Indonesia's socio-economic well-being through food security, quality of life, and healthcare equity as the main indicators.
- Applied classification and time-series models to predict democratic conditions in Indonesia using KNN, SVM, Decision Tree, ARIMA, and etc; achieving an accuracy of 97% for the classification model and RMSE of 0.04.
- Built and fine-tuned deep learning text classification models using IndoBERT and LSTM to detect toxic & gambling content on social media (YouTube), achieving an accuracy of 95% with the best model.
- Constructed text classification models to identify which LLM responses were preferred based on ChatBot Arena data using CatBoost, XGBoost, RF, LGBM, and etc; achieving a top 35% placement in Kaggle competition.
- Analyzed survey data from 205 respondents to investigate political literacy and social media engagement on Gen Z participation.
- Examined organizational involvement's effect on career readiness through a quantitative study of 153 students.
- Evaluated part-time employment impact on academic performance using correlation analysis of 128 students.

Web & Application Development

Skills : HTML, CSS, JavaScript, PHP, Bootstrap, C#, Java, PL/SQL, Laravel, CodeIgniter, MySQL, Oracle Database, Oracle APEX, Visual Studio, OOP, Unified Modelling Language

Supporting Activities :

- Developed an e-commerce platform aimed at reducing food waste by reselling consumable leftovers, which was used by 2 restaurants and 5 potential users in testing.
- Built a reservation app to replace traditional manual bookings in restaurants with 4+ core features.
- Developed a desktop application for the boarding house owner and tenants to manage their activities.
- Created a battle game to promote Indonesian local culture and legends to players.

UI/UX Design

Skills : Figma, Wireframing, Prototyping

Supporting Activities :

- Designed a rental service mobile application for electronic devices, involving 7 users for testing.
- Prototyped a mobile interface to help users report and cope with their sexual violence problems.
- Applied user-centered design principles and iterative testing to improve user experience.

Soft Skills

Skills : Communication & Collaboration, Public Speaking, Teaching, Leadership, Time Management

Supporting Activities :

- Successfully led and coordinated 6 group projects by assigning tasks, setting timelines, and ensuring project goals were achieved.
- Have collaborated with an average of 4 members through 3 organizations and 17 academic project teams, while also taking on diverse roles.
- Actively participated in multiple organizations while balancing academic responsibilities.

Language

- English - Intermediate
- Indonesian - Native