ARYAN RIANTO

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Portofolio

Bandung, West Java

Detail-oriented and results-driven Informatics Technology student at Widyatama University with strong expertise in Data Analysis, Database Management, Machine Learning, and Business Intelligence. Experienced in executing end-to-end data projects from data cleaning and exploration to model deployment and dashboard visualization. Proficient in Python, SQL, Power BI, Looker Studio, and Cloud Platforms (GCP). Demonstrated ability in working collaboratively within teams and delivering insights that support data-driven decision-making.

EDUCATION

Widyatama University *[certificate]*

Informatics Engineering   *September 2021 – June 2025*

- GPA : 3.43 / 4.00 *[transkrip]*
- Relevant Courses : Statistics, Applied Database, Artificial Intelligence, Machine Learning, Business Intelligence
- Active in Student Association Organizations,
- Participated in Taekwondo extracurricular Activities.

WORK EXPERIENCE

Teaching Assistant and Laboratory Assistant *[Letter of Appointment Assistant Lecturer]*

Widyatama University   *September 2023 - june 2025*

- Assisted in Programming Algorithms courses; guided students in logic-building and debugging.
- Graded assignments and mentored students on coding best practices.
- Designed and delivered lab materials and practical exercises to enhance student's hands-on coding skills.
- facilitated group discussions and coding workshops to improve collaborative problem-solving among students.

Data Science Intern *[certificate]*

PT. Bisa Artificial Indonesia Program MSIB batch 7   *September 2024 - January 2024*

- Collecting, cleaning, and analyzing data from various sources database, APIs, External files using Python, SQL, and statistical tools to identify patterns and support business needs.
- Building and optimizing Machine Learning and Deep Learning models for classification, prediction, segmentation, and detection using algorithms such as Random Forest, K-means, CNN and LSTM.
- Creating data visualizations and presenting insights through interactive dashboards using Power BI, Tableau or Looker Studio to support data-driven decision making.
- Deploying AI models to production environments and collaborating across teams, while documenting the analytical process to ensure reproducibility, efficiency, and long-term usability.

Data Analyst and Software Engineer *[certificate]*

PT. Revolusi Cita Edukasi Program MSIB batch 6   *February 2024 - June 2024*

- Collecting, Cleaning, and Analyzing structured and unstructured data using tools such as SQL, Excel, and Python to uncover trends and actionable insights.
- Designing and building interactive dashboards and reports using Power BI, Tableau, or Looker Studio to support decision-making across departments.

- Performing Exploratory Data Analysis (EDA) and Statistical interpretation to answer business questions and monitor performance metrics.
- Developing and maintaining scalable web or software applications using languages such as JavaScripts, Python, or Java, following agile and clean code principles.
- Collaborating in cross-functional teams to integrate APIs, databases, and third-party services into seamless system architectures.
- conducting software testing, debugging, and performance optimization to ensure reliability, security and responsiveness of applications in production.

COURSE AND CERTIFICATION

Data Science *[certificate]*   *13 December 2024 - 13 December 2026*

- Covered advanced topics in Machine Learning, Deep Learning, Artificial Intelligence and Big data Security. focused on building predictive models and deploying them in cloud-based environments, using tools like TensorFlow and cloud platforms such as GCP and AWS.

Data Analytics Bootcamp *[certificate]*   *January 2024*

- An intensive bootcamp focused on Exploratory Data Analysis (EDA), Predictive Analytics, and Data-Driven Decision Making using tools such as Python, SQL, Power BI, Tableau, and Looker Studio. Emphasized practical skills for real-world business data problems.

Database Administrator BNSP *[certificate]*   *march 2025 - march 2028*

- A nationally recognized certification issued by BNSP, Validating professional competency in database administration. The certification covers skills such as database installation, configuration, design, management, maintenance, and security. It demonstrates my ability to manage and operate database systems effectively based on industry standards.

Cisco *[certificate]*   *march 2022*

- Learned the fundamentals of programming in C, including data structures, file manipulation, and algorithm design-providing a strong foundation for software development and data processing.

TECHNICAL SKILLS

- Data Analytics & Visualization : Power BI, Tableau, Looker Studio
- Programming & Databases : SQL, Python, Java, C++, JavaScript
- Database Management : SQL Server Management Studio, MySQL Workbench, MongoDB
- Cloud & Big Data : Google Cloud Platform (GCP), Amazon Web Services (AWS), Hadoop, Spark
- Machine Learning & Deep Learning : Scikit-Learn, PyCaret, TensorFlow, NLP.
- Tools : Jupyter Notebook, Github, Streamlit, Visual Studio Code, Google Collab.

PERSONAL SKILLS

- Problem Solving
- Analytical Thinking
- Team Collaboration
- Effective Communication
- Time Management