JANARTHANAN

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SUMMARY

Detail-oriented and analytical Data Scientist skilled in Python, Machine Learning, SQL, and Deep Learning, with hands-on experience building end-to-end AI solutions. Seeking an opportunity to apply my skills in real-world business problems and contribute to data-driven decision-making in a fast-paced organization.

WORK EXPERIENCE

Dot com infoway   *May 2025 - June 2025*
Madurai, Tamilnadu
- Applied data cleaning, missing value treatment, encoding, and scaling.
- Developed a solid understanding of ML pipelines, model evaluation, and hyperparameter tuning.

EDUCATION

Bachelor of Science in Computer Science   *June 2022 - May 2024*
The American College, Madurai.
- Relevant Courses: Data Structures, Web Dev, Databases, Software Engineering

Master of Science in data Science   *June 2024 - May 2026*
The American College, Madurai.
- Relevant Courses: Machine learning,Deep learning , Statistical metrics.

CERTIFICATES

MedLab AI — Automated Blood Test Analysis & Disease Risk Prediction

- Tech: Python, Pandas, Scikit-learn, Random Forest, XGBoost, Feature Engineering
- Built an automated system to analyze 4,000+ patient blood test records containing hematocrit, hemoglobin, RBC, WBC, platelets, MCV, MCH, MCHC, age, sex, and source.
- Performed end-to-end preprocessing including outlier removal, normalization, categorical encoding, and medical range validation.
- Generated automated insights detecting abnormalities such as anemia, infection, inflammation, and platelet disorders.
- Trained ML models (Random Forest, XGBoost) to predict potential disease conditions based on multi-parameter blood indicators.

SKILLS

Languages	Coding Languages
Tools/Frameworks	Coding Frameworks
Databases	Coding Databases
Other Skills	User Research, People Management, Data Analysis, Prototyping