



JAYA SURYA

Software Developer

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📍 Madurai, Tamilnadu

Professional Skill

- Research and implement Machine Learning algorithms.
- Work with Python math and utility libraries.
- Create data models to use in reports for internal or client use.
- Make use of Machine Learning environments, platforms, and libraries.
- Analyze statistical data.

Soft Skill

- Teamwork
- Decision making
- Communication
- Multi-tasking
- Self-learning
- Time management

Education Background

- The American College
Masters in Data Science
Completed in 2023 with 8.9 GPA
- Mannar Thirumalai Naicker College
Bachelors in Computer Applications
Completed in 2021 with 7.6 CGPA

CERTIFICATIONS

- Completed a Python course through GUVI, gaining proficiency in programming and data manipulation.
- Earned a certification in data analytics from Coursera, mastering data analysis techniques and tools.
- Achieved certification in MySQL through HackerRank, demonstrating skills in database management and query optimization.

Summary

Innovative Programmer and Internet Entrepreneur striving to make the world a more unified and connected place. A creative thinker, adept in software development and working with various data structures. Eager to apply newly-acquired Python programming skills in a real-world setting.

Professional Experience

S3 Technologies | Software Developer

Sep 2023 – Present

Key responsibilities:

- Led a team in developing and implementing advanced machine learning and deep learning models using Jupyter Notebook, driving model performance and accuracy optimization.
- Guided the team through substantial data pretreatment and feature engineering to ensure high-quality input data for strong model development.
- Worked with cross-functional teams to easily incorporate machine learning models into production settings, increasing overall system functionality and efficiency.

Gilbert Research Center | Machine Learning Intern

Aug 2023 – Dec 2023

Key responsibilities:

- Analyzed performance data to identify trends and insights, contributing to data-driven decision-making processes.
- Developed and implemented a real-time dashboard to visually represent key business metrics, enabling management to make quick, informed decisions.
- Assisted in the development and optimization of machine learning models, ensuring their alignment with business objectives.

Achievements

- Demonstrated leadership in college and organizational settings by managing teams, coordinating activities, and driving initiatives to successful outcomes.
- Orchestrated and executed multiple high-impact events, ensuring seamless planning and delivery while achieving key objectives.
- Led and completed various R&D projects, contributing to innovative solutions and advancing knowledge in relevant fields.