

# SRI VAJANA S

Aspiring Data Scientist

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## Summary

AI & Data Science undergraduate with a strong foundation in Statistics and Probability and structured preparation in aptitude and algorithmic problem solving. Aspiring Data Scientist targeting product-based organizations such as NVIDIA, Google, Cadence, and JP Morgan. Actively building machine learning and computer vision fundamentals through conceptual project design, with a focus on developing industry.

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## Education

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| • BTech AI&DS at BANNARI AMMAN<br>INSTITUTE OF TECHNOLOGY<br><i>( Sept 2024- June 2028 )</i> | • Kongu Vellalar MHSS<br>HSC – 86.8%<br><i>( May 2022 - Mar 2023 )</i> |
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## Project (Conceptual)

### Real-Time Human Pose Detection

- Conceptualized an AI-based system to analyze human pose landmarks for exercise repetition counting.
  - Designed anomaly detection logic to identify irregular or manipulated motion patterns.
  - Studied dataset requirements, real-time processing constraints, and model selection considerations for pose-based systems.
  - Project currently in the learning and design phase; implementation planned after strengthening ML and CV fundamentals.
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## Technical Skills

- Programming & Tools: Python, C, C++, Java (basic), SQL (learning)
- Data Science Foundations: Statistics & Probability, Data Cleaning, Exploratory Data Analysis
- Tools & Platforms: Microsoft Excel, GitHub (learning phase), Figma, Canva

## Non-Technical Skills

- Effective Communication
- Time Management
- Creativity

## **Technical Preparations**

- Solved 200+ aptitude problems covering quantitative aptitude, probability, and logical reasoning.
  - Solved 30 problems on LeetCode, focusing on algorithmic thinking and problem-solving patterns.
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## **Certification**

- IP Utsav 2025 - Intellectual Property Awareness
  - Microsoft Azure - Cloud Fundamentals
  - Front-End Development - IEEE
  - Oracle Cloud Infrastructure
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## **Technical Events & Activities**

- Smart India Hackathon (SIH) 2025 – Participant
  - IEEE technical workshops and learning sessions
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## **Languages Known**

- English - R,W,S
- Tamil - R,W,S
- Hindi - R,W
- Malayalam - R,W,S