

VANGALA JAYA SAI KUMAR REDDY

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Career Objective

To secure a career-building opportunity in the field of artificial intelligence or machine learning, where I can apply my programming skills and contribute to real-world projects that create a positive impact on society. I seek to continuously learn and grow in a dynamic, flexible environment.

Summary

B.Tech Computer Science and Engineering (AIML) student with a strong interest in artificial intelligence and machine learning. Skilled in Java, Python, SQL, data structures and algorithms (DSA), and C programming. Enjoys problem solving, leading teams, and collaborating on projects. Seeking an opportunity to apply technical knowledge and build impactful real-world solutions.

Skills

Programming Languages: Java, Python, C, SQL

Concepts: Data Structures and Algorithms (DSA), Machine Learning Algorithms, Data Analytics

Other: Problem Solving, Project Management, Team Leadership, Peer Mentoring

Experience

Student Team Leader

Dec 2024 – Mar 2025

Kalasalingam University, Tamil Nadu, India

- Led a team of 4 students in building a machine learning model to predict diet type based on daily food intake, calories, work pattern, and existing diseases.
- Used machine learning algorithms like Decision Tree and Naive Bayes to train and test the model on collected data.
- Organized peer-learning sessions to share knowledge about machine learning concepts and coding practices.
- Managed project workflow by dividing tasks among teammates and helping resolve technical challenges.

Projects

Diet Type Prediction Using Machine Learning

Dec 2024 – Mar 2025

- Built a machine learning model in Python to predict diet type (e.g., balanced, high-protein, low-carb) based on daily food intake, calories, work patterns, and existing health conditions.

- Implemented Decision Tree and Naive Bayes algorithms for training and testing the model.
- Collected and preprocessed data, and evaluated model accuracy using standard metrics.
- Strengthened teamwork and communication skills by collaborating with a team of 4 and presenting project findings.

Personal Portfolio Website

May 2025

- Designed and developed a personal portfolio website to showcase projects, skills, and achievements.
- Used HTML, CSS, and JavaScript to build an interactive and responsive interface.
- Included sections highlighting machine learning projects, coding skills, and academic background.

Education

B.Tech.Computer Science and Engineering (Artificial Intelligence and Machine Learning)

2023 – 2027

Kalasalingam Academy of Research and Education, Tamil Nadu, India

CGPA: 8.46

2021-2023

Intermediate (MPC)

Ignite Junior College, Hyderabad, India

Percentage: 90.4%

Languages

English, Hindi, Telugu

Hobbies

Reading, Sports, Problem Solving