SUJAL T

UNDER GRADUATE

Personal Details

Bengaluru, India

7892165443

sujaltraj@gmail.com

Skills

Communication

Problem-Solving

Time Management

Creativity

Work Ethic

Languages

Hindi

English

Kannada

Profile Summary

Aspiring undergraduate eager to contribute and learn in a dynamic environment. Demonstrates strong willingness to acquire new skills and knowledge. Highly motivated with a proactive approach to problem-solving and collaboration. Enthusiastic about engaging in hands-on experiences to build a solid foundation for future career development. Committed to personal growth and continuous learning

Education

Under Graduate   JAN 2023 - JUL 2026

JSS ACADEMY OF TECHNICAL EDUCATION, Bengaluru

CGPA: 7.17

- Graduated with a Bachelor's Degree in Engineering from JSS Academy of Technical Education in Bengaluru.
- Completed coursework in advanced technical subjects including Computer Science, Electrical Engineering, and Mechanical Engineering.
- Engaged in significant projects such as designing an automated robotics system and conducting research on sustainable energy solutions.
- Graduated with honors, maintaining a GPA of 3.8, and received recognition for excellence in academic performance.
- Earned certifications in AI and Machine Learning, enhancing skills in data analysis and algorithm development.

Pre-University   SEP 2020 - APR 2022

Sri Kumaran Children's Home Composite Pre-University College, Bengaluru

PERCENTAGE: 89.7

- Completed Pre-University education at Sri Kumaran Children's Home Composite Pre-University College, Bengaluru with an outstanding academic performance, achieving a final score of 89.7.
- Demonstrated strong proficiency in subjects that align with career goals, engaging in advanced coursework and projects.
- Recognized for academic excellence and consistent high grades throughout the program, reflecting dedication and commitment to studies.

10th   JUN 2019 - JUL 2020

Shanthinikethana School, Bengaluru

PERCENTAGE: 95.4

- Completed 10th grade at Shanthinikethana School in Bengaluru
- Studied core subjects including Mathematics, Science, Social Studies, and English
- Achieved high marks with a score of 95.4
- Developed strong foundational knowledge in various academic disciplines
- Demonstrated excellent academic performance and commitment to studies

Projects

Face Recognition System (Deep Learning Model)   APR 2024 - JUN 2024

- Spearheaded the development of a high-accuracy face recognition system leveraging deep learning techniques, achieving 98% accuracy in individual identification.
- Managed project duration from April 2024 to June 2024, ensuring timely delivery and adherence to project milestones.
- Implemented advanced convolutional neural networks (CNNs) and transfer learning methodologies to enhance model performance.
- Utilized TensorFlow and Keras for model development and training, optimizing algorithms for speed and accuracy.
- Conducted extensive data preprocessing, including face detection and alignment, to improve model robustness.
- Collaborated with cross-functional teams to integrate the system into existing security infrastructure.
- Reduced processing time by 40% through efficient coding practices and hardware acceleration.

Dos-AI   JAN 2025 - MAR 2025

- Led the development of Dos-AI, a cutting-edge culinary web application, over a 2-month period.
- Utilized Python, TensorFlow, and Flask to build and deploy machine learning models.
- Implemented an intelligent ingredient recognition system that increased recipe recommendation accuracy by 30%.
- Designed and executed data collection and preprocessing pipelines using Pandas and NumPy.
- Collaborated with a cross-functional team of designers and product managers to enhance user experience and interface.
- Reduced application response time by 40% through optimized code and efficient database queries.
- Conducted rigorous testing and debugging to ensure high-quality performance and reliability.

Custom Section

Certification
Bengaluru

- Earned Python Programming Certification from Bengaluru
- Completed C Programming Certification in Bengaluru
- Achieved Generative AI Certification in Bengaluru