



TEJASWINI Y N

Information Science and Engineering student

8073396390

tejaswiniyn555@gmail.com

ABOUT ME

Self-motivated and detail-oriented Information Science and Engineering student with a strong foundation in computer science principles and a deep interest in Artificial Intelligence, Machine Learning, and Full Stack Development. Skilled in front-end technologies like HTML, CSS, JavaScript, and React, and actively exploring backend frameworks and AI/ML tools. Passionate about building efficient, user-centric applications and continuously learning new technologies to solve real-world problems. Seeking opportunities to contribute to innovative software solutions while growing as a developer.

EDUCATION

8.1 CGPA

GRADUATION

BACHELOR OF ENGINEERING
INFORMATION SCIENCE AND ENGINEERING
JSS ACADEMY OF TECHNICAL EDUCATION BENGALURU

97.67%

INTERMEDIATE

KLE SOCIETY'S S NIJALINGAPPA PU COLLEGE, BENGALURU
PRE UNIVERSITY BOARDS, KARNATAKA

96.67%

ICSE

MATRICULATION

INDIAN CERTIFICATE OF SECONDARY EDUCATION
THE NEW CAMBRIDGE ENGLISH SCHOOL, BENGALURU

AWARDS AND HONORS

Secured 1st position in India in 2019 in SC/ST in the matriculation [10th] exam all over India

Holder of DR AMBEDKAR NATIONAL MERIT AWARD FOR SENIOR SECONDARY EXAMINATION 2019 with a prize of 60,000 rupees

Received a prize money scholarship of 20,000 rupees by the Social Welfare Department, Government of Karnataka for scoring Distinction in matriculation in 2019

Received a prize money scholarship of 20,000 rupees by the Social Welfare Department, Government of Karnataka for scoring Distinction in 12th standard in 2021

Received the consolation prize by Arjuna Academy in class 10th for high performance in an Science, Mathematics and Aptitude MCQ test.

KEY PROJECTS

Automatic Weapon Detection Using Computer Vision

Developed a real-time weapon detection system using deep learning and computer vision techniques. Utilized convolutional neural networks (CNNs) with OpenCV and YOLO for accurate identification of firearms in video feeds. Improved detection accuracy through dataset augmentation and model optimization. Enabled potential real-time alert systems for enhanced public safety and surveillance.

Chatbot for student helpdesk

Developed a real-time weapon detection system using deep learning and computer vision techniques. Utilized convolutional neural networks (CNNs) with OpenCV and YOLO for accurate identification of firearms in video feeds. Improved detection accuracy through dataset augmentation and model optimization. Enabled potential real-time alert systems for enhanced public safety and surveillance.

SKILLS

C++

Java

JavaScript

HTML

Python

C

Numpy

Matplotlib

LaTeX

EXTRACURRICULAR

Three time champion of Inter-House chess championship in annual school tournaments [Grades 8-10]

Professionally trained in crafts such as Papier-Mache Art and yarn art

Winner of the Spell Bee Competition of my school

Stood fourth in school in Creative Writing in school

Represented my House in Girls' Cricket in annual school tournaments in Grade 8

Represented my House in Bdmintton tournament in annual school tournaments in [Grades 8 and 9]

Proficient in painting,skilled in drawing and sketching