

Shravya Umesh Poojary

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Education

Canara Engineering college, Bantwal
B.E in Information Science

2022 – present

S.V.S PU College, Bantwal
Computer Science

2020 – 2022

Technologies

Languages: Java, C, SQL

Data Analysis: Power Bi, Tableau

AI/ML: YOLOv8, NumPy, Matplotlib

Web Dev And Tools: MySQL, Excel, PowerPoint, Express

Projects

Smart Education System

- Developed a Smart Education using Flutter, featuring quizzes, programming tutorials, and code execution platform.
- Implemented adaptive quizzes and interactive tutorials for Python, Java, C++, and JavaScript catering to both beginners and advanced learners.
- Ensured cross-platform compatibility (android, Ios, web) with responsive UI, offline support and real time code execution for hands-on learning.

Object Detection System

- Developed a real-time object detection system using YOLO and OpenCV, capable of identifying multiple object classes in webcam and video streams.
- Implemented support for pre-trained YOLO models, drawing bounding boxes with confidence scores, and allowing easy switching between model configurations.
- Designed a clean, modular codebase with configurable thresholds and ensured support for various input sources (live camera, video files), making it suitable for demonstrations and real-world applications.

Salary Prediction Web App Project

- Developed a salary prediction tool with Python and deployed as a simple web app interface for user-friendly interaction.
- Engineered a machine learning pipeline including data preprocessing, feature engineering, and model training (linear regression / random forest) for accurate salary estimation based on job-related input features.
- Designed a clean frontend/backend integration—users input job parameters, hit “Predict,” and receive near-instant results—wrapped in a lightweight, intuitive web UI.

Certifications

- Problem solving through programming in C, Java from Great Learning
- Successfully cleared the assessment for the skill Java Script, Java from IIT Bombay

Extracurricular

- Conducted an Educational Session: Led class for 7th standard students, engaging them in interactive learning with my teammates.
- Onam Event Volunteer: Assisted in organizing and managing the Onam celebration, contributing to a successful cultural event.