

# Srujan B D

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## About Me

Final-year Computer Science student passionate about Python, Artificial Intelligence, Machine Learning, and Cloud Computing. Skilled in problem-solving, data analysis, and IoT-based application development. Focused on continuous learning and teamwork to build impactful tech solutions.

## Education

**KVG College of Engineering (VTU Belagavi)**

B.Tech in Computer Science and Engineering

**CGPA:** 8.5

**MASVS Gurukula PU College**

Pre-University — 84%

**Ever Green English Medium High School**

SSLC — **89.28%**

Sullia

(2022 – Present)

Mysore

(2021 – 2022)

Ramanathpura

(2020)

## Technical Skills

**Programming:** Python, JavaScript, HTML, CSS

**Frameworks:** Django, Flask

**Databases:** MySQL

**Tools:** GitHub, VS Code, Matlab

## Projects

**Environmental Hazard Prediction** — Developed a machine learning-based model to forecast environmental hazards such as floods, air pollution, and forest fire risk. Utilized meteorological and geographical datasets with regression and classification models. Deployed via a Django web interface allowing users to input parameters and visualize risk predictions in real time.

**Smart Early Cardiovascular Prediction (ML + IoT)** — Built a health-monitoring system combining IoT sensors (heart rate, blood pressure, SpO) with machine-learning algorithms to predict early signs of cardiovascular disease. Implemented data transmission using NodeMCU, processed readings with a Python Flask API, and displayed live analysis through a responsive dashboard.

## Achievements & Training

- Completed Application Testing Training at Maiora IT Services, Bangalore (Oct 2024)
- Certified in “Mastering Cloud Computing Concepts on Google Cloud and AWS” (Feb 2025)
- Solved 200+ LeetCode problems, strengthening DSA and analytical skills

## Soft Skills

Leadership, Teamwork, Communication, Problem Solving, Adaptability, Critical Thinking, Time Management

## Additional Information

**Date of Birth:** 8th May 2003

**Languages:** English, Kannada, Hindi

**Hobbies:** Traveling, Gaming, Exploring AI Technologies