

# URAKONDA NAGARAJU

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## Education

<b>SR University, Telangana, India</b> <i>Bachelor of Technology in Computer Science (AI &amp; ML)</i>	<b>Oct 2022 – Oct 2026</b> <i>CGPA: 7.6</i>
<b>SR College for Boys, Hanamkonda</b> <i>Intermediate - MPC</i>	<b>Jul 2020 – Jul 2022</b> <i>Percentage: 76%</i>
<b>ZPHS High School, Huzurabad</b> <i>SSC</i>	<b>Jun 2019 – Jun 2020</b> <i>GPA: 10</i>

## Projects

### Heart Stroke Prediction (Machine Learning, Python, Scikit-learn)

- Developed a machine learning model to predict the risk of stroke with 90% accuracy.
- Visualized key health indicators to assist in early diagnosis and decision-making.
- Performed data preprocessing, including outlier removal and missing value imputation.

### Driver Drowsiness Detection (Deep Learning, CNN, OpenCV)

- Designed a real-time system to detect driver drowsiness from video feed.
- Implemented CNN and CNN-LSTM models to classify alert and drowsy driver states.
- Preprocessed facial and eye-state image datasets for model training.

### Student Management System (Python)

- Built a console-based application to manage student records: add, update, and delete operations.
- Applied object-oriented programming to reduce manual workload and improve code structure.

## Technical Skills

Languages: Python | Java | C | Html | Css

Databases: SQL

Libraries/Frameworks: Scikit-learn | OpenCV

Tools/Platforms: Jupyter Notebook | GitHub

Other skills: Machine learning

## Internships

<b>AICTE Virtual Internship</b> <i>Machine Learning Intern</i>	<b>Jun 2024 – Jul 2024</b> <i>Google Developers Platform</i>
– Completed a virtual internship covering AI and ML fundamentals through the Google Developers Platform.	

## Certifications and Achievements

Azure AI Fundamentals – Microsoft

Database Management System – Coursera

Data Structures and Algorithms using Python – Coursera