

SHREERANG BAGAL

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PROFILE

Passionate pre-final year undergraduate at IIITDM Kancheepuram with strong technical skills in Coding & Data Science. Seeking entry-level position in Data Science at your organisation to contribute to company's growth and gain industry experience. Committed to excellence and eager to learn from experienced professionals.

EDUCATION

Indian Institute of Information Technology, Design and manufacturing Kancheepuram, Chennai
B. Tech ECE ; CGPA = 7.48

Dec2020 - April2024

FIITJEE Junior College | Hyderabad, Telangana
Intermediate ; Grades = 94.5%

July 2017 – May 2019

Jawahar Navodaya Vidhyalya | Basmath, Maharashtra
High school ; Grades = 87.8%

July 2015 - May 2017

SKILLS

- Coding in C, Python ,Pandas, Numpy,nltp,Seaborn
- MATLAB
- Experience of many circuit design platforms like LabView and Simulink.
- Keil Software, Vivado
- Proficient in Word, Excel and PowerPoint

ACHIEVEMENTS

- The Joy of Computing using Python - Silver Medallist (NPTEL)
- Employment Communication A Lab based course - Silver Medalist(NPTEL)
- Played at Regional Level in Under 17th Category in Table-Tennis & Archery.
- Got 97.95 Percentile in JEE-MAIN 2020.

PROJECTS

1. Hate Speech Detection:

- **Description:** Created a hate speech detection project using NLP techniques to identify offensive language in online content. Achieved high accuracy by training a machine learning model on a labelled dataset.

2. Home Air Quality Monitoring using Arduino Uno and CO₂ Sensor:

- **Description:** Designed a home air quality monitoring system using Arduino Uno and a CO₂ sensor. Demonstrated skills in microcontroller programming, sensor interfacing, circuit design, alert generation.

3. Automatic Irrigation System Controller using Arduino Uno and Relay Module:

- **Description:** Developed an automatic irrigation system controller with Arduino Uno and Relay Module, utilizing skills in microcontroller programming, automation, sensor interfacing, and circuit design.