SREERAM CHANDRA SEKHAR

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# Education

**National Institute of Technology, Srinagar 2020 – present**

*BTech. Computer science in engineering CGPA: 8.57*

**Narayana Junior College, Kadapa,A.P 2018 – 2020**

*Percentage: 96.50*

**Usha Kiran HIGH School, Kadapa,A.P 2017 – 2018**

*GPA: 10.00*

# Technical Skills

**Languages:** C, Java,C++,Python,HTML,CSS,JavaScript(JS)

**Database**: Database Management(SQL,oracle)

**Technologies**: Linux,chatgpt,Python for Data Science and Machine-Learning,Wireshark,Netsim.

**Software & Tools**: Git,Github,Latex.

**Coursework**: DSA, OOPS, DBMS, OS, Computer Networks

# Experience

**Trainee at Internshala+Intern at IIT-MANDI,i-HUB Dec 2022 – Feb 2023**

*Webdeveloper (Trainee)*

**Line Encoder** *|* [*GitHub*](https://github.com/chandusreeram-9399/LINE-ENCODER)

∗ Implemented a Line Encoder and Scrambler Program.

∗ Utilized 5 line encoding schemes (NRZ-L, NRZ-I, Manchester, Differential Manchester, AMI) and 2 scrambling techniques

(HDB3, B8ZS).

∗ Created an intuitive web page with interactive input fields for custom input and random input generation.

∗ Generated encoded signals and displayed them using charts, along with the Longest Palindromic substring.

# Projects

**Sorting Visualizer** *|* [*GitHub*](https://github.com/chandusreeram-9399/sortingvisualizer)

∗a Visualizer Program using c++

\* Made a real-time visualizations for 6 sorting algorithms using SDL2. Proficient in C++ with a focus on interactive UI/UX and event handling for algorithmic illustrations."

**Parkinson’s Disease Prediction using ML** *|*

\*Designed a robust SVR-based predictive model for Parkinson's disease utilizing 200+ patient records.

\* Optimized model performance through advanced feature engineering techniques and hyperparameter tuning.

\* Ensured clinical validation and ethical compliance, collaborating with healthcare experts for reliable predictions.

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# Achievements

**Leetcode** : 330+ problems completed,and earned 5 Badeges

**Geeksforgeeks**:450+ problems with rating :**1502**

**HackerRank** : 100+ problems solved, 4 star

**Prathibha Award**: Awarded for 10.00 Gpa or 95%

**State-Level cricket Player:**Under-14 and Under-16

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# Miscellaneous

**Position Of Responsibility:**Conducted Juniors Coding Competition at Techveganza NIT Srinagar Techfest

**Hobbies:**Listen to music,singing songs,Reading mythological books,surfing ,Like to interact strangers