

Supragna konakala

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Technical Skills

Programming : Java,C,Python, Data Structures and Algorithms,SQL

Utilities : Git,GitHub

Web Technologies : HTML,CSS,JavaScript

Data Visualization Tools : Power BI

Software : VS Code

Educational Qualification

Pursuing BTech ,CSE(Data Science) third year in B V Raju Institute of Technology 2022-2026

CGPA: 8.99/10

Intermediate in Sri Chaitanya College 2020-2022

scored: 98.2

SSC in Unique High School 2019-2020

GPA: 10

Projects

AI powered Virtual Neuro-therapist

- Developing a fully automated virtual neurotherapist that guides users through personalized therapeutic activities using AI-powered chatbot interactions.
- Tools Used: React.js, Node.js, MySQL, Hugging Face Transformers/spaCy , TensorFlow/PyTorch .

Responsive Energy Control Systems For Next-Gen Buildings

- Developed a Responsive Energy Control System (RECS) to optimize energy usage in buildings by dynamically adjusting consumption based on real-time environmental conditions.
- Tools Used: Machine Learning (Gradient Boosting) , Mixed Integer Linear Programming.

Sudoku Solver

- Developed a Sudoku game in Python with a user-friendly interface for solving and generating puzzles.
- Tools Used: Python, and NumPy .

Internship

Swecha Summer of AI Virtual Internship

- During my AI virtual internship, I had the opportunity to develop and enhance my expertise in designing,developing and evaluating an Automatic Speech Recognition model.
- I also contributed to the collection of diverse Telugu audio and video samples, directly supporting the projects goals.

Certifications

- Certified with Oracle Academy in Java fundamentals and foundations
- Certified with NPTEL in programming languages like C , Java and Python
- Certified with SkillUp by Simplilearn in Programming with Python
- Certified with Google in AI-ML Virtual Internship

Workshops

- Attended a 2 day workshop of Data visualization using PowerBI

Achievements

Secured 10.0 in 10th grade

Achieved 982/1000 in Intermediate

Interests

Interested in exploring AI and machine learning advancements, as well as developing innovative tech solutions. Enthusiastic about continuous learning and solving complex technical challenges.

About Me

Aspiring Software Developer with a strong foundation in Data Structures and Algorithms, Full-Stack Development, and AI integration. Passionate about building scalable and efficient solutions while continuously exploring the intersection of software engineering and machine learning. Dedicated to writing clean, optimized, and maintainable code, eager to apply skills in real-world projects.

Personal Profile

Date of Birth : 27-May-2005

Marital Status : Unmarried