

Kancharla Sahiti

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Objective

Enthusiastic Computer Science student with a solid background in programming, software development, and real-world projects. Passionate about building impactful solutions and eager to grow in innovative tech environments.

Education

2022 – present Guntur	BACHELOR OF TECHNOLOGY <i>Vignan's Nirula Institute of Technology and Science for Women</i> Percentage: 84%
2020 – 2022 Narasaraopet	INTERMEDIATE <i>Sri Chaithanya Junior College</i> Percentage: 78.4%
2020 Sattenapalle	SSC <i>Sri Chaithanya School</i> Percentage: 93%

Skills

Technical Skills

- **Programming:** Python, Java, C, SQL
- **Web Development:** HTML, CSS, Flask
- **Machine Learning:** scikit-learn, pandas, NumPy, seaborn, matplotlib
- **Tools:** Jupyter Notebook, GitHub, Google Colab
- **Concepts:** Regression, EDA, Sentiment Analysis, Model Evaluation (MAE, RMSE, R^2), k-fold CV
- **Fundamentals:** Data Structures, DBMS, OS, CN


Soft Skills

- Strong Analytical Thinking
- Effective Team Collaboration
- Clear and Concise Communication
- Leadership and Initiative
- Adaptability and Quick Learning

Internships

2024/06 – 2024/07	Artificial Intelligence and Machine Learning Intern: <i>IBM SkillsBuild Platform APSSDC Edunet Foundation</i> <ul style="list-style-type: none">• Collaborated in a cross functional team to develop a sentiment analysis model. Focused on data preprocessing, model evaluation, and deployment. Gained hands-on experience with AI/ML algorithms and hands-on practice.
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Projects

2024/05 – 2024/07	House Price Prediction  Technologies: Python, Flask, pandas, NumPy, scikit-learn, joblib, seaborn, Jupyter Notebook <ul style="list-style-type: none">• Developed a regression-based ML model to forecast house prices using ensemble techniques (Random Forest, XGBoost).• Built a Flask web app for real-time user input and predictions.• Performed EDA and feature engineering; evaluated models using MAE, RMSE, R^2, and k-fold CV.• Used joblib for model serialization to ensure scalable deployment.
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Certificates

- The Joy of Computing Using Python (NPTEL)
- CAMBRIDGE Preliminary English Test (PET)
- APSSDC Certificate on Artificial Intelligence and Machine Learning.
- The Power of Machine Learning (Coursera) [↗](#)
- APSSDC Certificate on Data Analysis using Python.
- Fundamentals of Java Programming – Board Infinity (Coursera) [↗](#)

Publications

Blockchain Based Smart Contract Platform [↗](#)

- **Authors:** Dr. V. Sujatha, Dr. P. Radhika, K. Lakshmi Priyanka, K. Sahiti, R. Bhavya, N. Sandhya
- **Affiliations:** Vignan's Nirula Institute of Technology
- **Journal/Conference:** : UGC Approved
- Conducted research and literature review on blockchain technology for smart contracts, focusing on security, transparency, and automation.
- Assisted in drafting a paper under review for a UGC approved journal, identifying research gaps and analyzing smart contract testing, security, and Dapp performance.

Achievements

- Won first place in a college-level debate on Engineers' Day 2023, advocating the positive role of social media in today's world.
- Performed a skit on Engineers' Day 2024 emphasizing that "Social media is neither good nor bad; it depends on the user," and secured first prize.

Declaration

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

Kancharla Sahiti