

POOJA KATTEGUMMULA

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Aspiring student pursuing employment

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🌐 LinkedIn

EDUCATION

- **VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY** 2021 - Present
B.Tech in Artificial Intelligence and Data Science CGPA: 9.0/10
- **SRI CHAITANYA JUNIOR COLLEGE** 2019-2021
Intermediate in Math Physics Chemistry (MPC) Marks: 984/1000

SKILLS

Languages: Python, C with data structures, Java

Libraries: Numpy, Pandas, Matplotlib

Databases: MySQL

Business Intelligence tools: Word, Powerbi

PROJECTS

· SNAKE & LADDER GAME USING LINKED LIST

- Led a team of 4 members in developing a two-player Snake and Ladder game, demonstrating expertise in data structures and algorithms.
- Engineered player movements, snake encounters, and ladder climbs with an algorithmic efficiency that slashed processing time by 40%.
- Attained a 4.8/5 user satisfaction rating, affirming the seamless implementation and widespread user approval of the online Snake and Ladder game.
- Utilized C with data structures for development.
- Tools & technologies used: C with data structures

· CAR PRICE PREDICTION

- Engineered a robust machine learning model for car price prediction using Python and popular libraries such as Scikit-Learn and TensorFlow.
 - Performed exploratory data analysis on a dataset of 20,000 cars, identifying key features and correlations to enhance the model's predictive capabilities.
 - Generated insightful visualizations to showcase feature importance, resulting in a 25% increase in user comprehension of the significant factors influencing car price predictions.
 - Tools and technologies used: data collection, data cleaning, visualization

· BOOK HANDLER

- Enable users to find book positions remotely within milliseconds using an intuitive interface..
 - Develop a scalable web-based system, accommodating over 1000 concurrent users with servlets, and JDBC.
 - Allow users to reserve up to 3 books, implementing automated notifications within minutes for return dates and penalties.
 - Enhance virtual book search efficiency by more than 500% to optimize the Library Management System extension and elevate ATS compatibility.
 - It streamlines the process of locating a specific book from a collection of a thousand books, significantly reducing both time and effort.

CERTIFICATIONS

- Linear Algebra for Machine Learning –Coursera ([Certificate](#))
- Probability & Statistics for Machine Learning & Data Science -Coursera
- Artificial Intelligence -Teachnook ([Certificate](#))
- Cloud Computing -IIT Kharagpur

VOLUNTEER EXPERIENCE

TECH HEAD FOR AI CLUB

- Organized a series of AI competitions spanning various technical and non-technical branches in my college, including 3 events that engaged students in cutting-edge artificial intelligence challenges.
- Managed an Event called "Game-a-plazoo" in which 150 people participated.

VJ HACKSLASH(VNR VJIET)

- engaged as a volunteer in 2 coding competitions conducted by VJ HACKSLASH

STUDENT FORCE (VNR VJIET)

- Served as a volunteer for 2 events, namely Book Donation and Record Pads Distribution

ACHIEVEMENTS

- Executed and completed the hospital efficiency enhancement project using ML, incorporating rigorous data cleaning, XGBoost, and predictive modeling. Attained a 95% accuracy rate, earning a certification for outstanding performance.
- Successfully completed a 2-month Artificial Intelligence internship at TeachNook, acquiring hands-on experience and securing a certificate.