

NAYANAMPALLY KARTHIKEYA GOUD

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PROFILE SUMMARY

Dynamic and innovative software developer with a strong foundation in Data Structures and Algorithms (DSA), problem-solving, and full-stack development. Proficient in creating user-focused software solutions, crafting efficient algorithms, and collaborating in cross-functional environments.

SKILLS

- **Programming Languages:** Python, C#, HTML, CSS, JavaScript, TypeScript
- **Frameworks:** Django, Django Rest Framework, Flask, Bootstrap 5
- **Libraries:** NumPy, Pandas, Matplotlib, React
- **Databases:** Oracle Database, MongoDB
- **Development Expertise:** DSA, problem-solving, full-stack development

PROJECTS

1. **Sudoku Game and Solver:**
 - a. Designed a Sudoku game and integrated a solver with an intuitive interface.
 - b. Utilized efficient algorithms for solving puzzles and optimizing gameplay experience.
2. **XO Game - AI Integrated:**
 - a. Developed a tic-tac-toe game featuring an AI-powered opponent.
 - b. Demonstrated proficiency in artificial intelligence and logic programming.
3. **JNTU Results Scraper:**
 - a. Automated the process of extracting and displaying student results from JNTU.
 - b. Showcased data scraping and manipulation skills with a user-friendly interface.
4. **Results Analysis Site:**
 - a. Created a website for detailed subject-wise analysis of student marks across semesters.
 - b. Improved data accessibility and visualization for academic performance tracking.
5. **Revolutionizing Mobile Vehicle Ads Campaigns:**
 - a. Conceptualized and implemented a cutting-edge solution for mobile vehicle advertising.
 - b. Demonstrated innovation in combining technology and marketing.
6. **Marks Portal:**
 - a. Built a centralized portal for managing and analysing students' academic records.
 - b. Incorporated DSA techniques to optimize search and retrieval processes.

CERTIFICATIONS

- **Smart Interviews:** Data Structures and Algorithms (DSA)
- **HackerRank:** Problem Solving (Basic) and Python (Basic)

EDUCATION

Sreyas Institute of Engineering and Technology - JNTUH Affiliated
Computer Science Engineering (Artificial Intelligence & Machine Learning)

CGPA: 7.98 | 2025