Ansh Shukla

Computer Science Engineering , Undergrad

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Education

SRM University,Andhra pradesh
Bachelor of Technology in Computer Science; CGPA: 9.263/10

VidyaGyan School,Sitapur
Senior Seconday Education:91%
Higher Seconday Education:95.4%

Work Experience

Akribiz Pvt. ltd.
Data Analyst Intern
- Utilized technologies like Python and Matplotlib to visualize and analyze data, extracting valuable insights and improving decision-making processes.
- Developed automated data pipelines and custom scripts to streamline data processing tasks, significantly improving efficiency

Game Developer & Research Intern – Young Technology Scholars (YTS), Plaksha University Summer 2023
- Explored game design principles and rapid prototyping
- Developed an interactive game prototype as part of a team, focusing on mechanics, UI/UX, and optimization.

Projetcs

Spotify Music Clone |GitHub link |
- Developed a responsive music streaming platform using HTML, CSS, and JavaScript, replicating Spotify's core features.
- Implemented dynamic audio playback controls with the JavaScript Audio API, enabling seamless play, pause, and track navigation.
- Designed an interactive UI with CSS animations and local storage integration for playlist management and user preferences.

AI-Powered Game Collection |GitHub link |
- Developed a Tic-Tac-Toe AI and Maze Solver using Python, showcasing advanced game logic and algorithmic problem-solving.
- Implemented the Minimax algorithm for an unbeatable AI opponent in Tic-Tac-Toe, and used DFS & BFS algorithms for maze-solving efficiency.
- Integrated Pygame for visualization, adding interactive controls, real-time move validation, and an intuitive GUI for an engaging user experience.

Portfolio Website |GitHub link |
- Designed and developed a personal portfolio website using HTML, CSS, and JavaScript, showcasing projects, skills, and achievements.
- Implemented a responsive and interactive UI, ensuring seamless navigation across devices.
- Optimized website performance with lazy loading, CSS animations, and minimalistic design, enhancing user experience.

Hand Gesture Detection System | Intel India AI Bootcamp |GitHub link |
- Developed a real-time Hand Gesture Detection system using Python and the MyCV library
- Implemented computer vision techniques, trained machine learning models, and fine-tuned algorithms to enhance gesture recognition accuracy.
- Designed an AI-driven system capable of recognizing and interpreting various hand gestures in real-time.
- Utilized OpenCV, NumPy, TensorFlow, and other libraries for efficient model training and optimization.
- Recognized with a Certificate of Accomplishment from Intel and CBSE.

Technical Skills

- Programming Languages: C,C++,Python
- Framework and Libraries:,React,Matplotlib,Numpy,Pandas
- Databases:Mysql
- Development:HTML,CSS,javascript,Github,Git

Achievements

- SAT India Top Performer (2024) – Recognized by the College Board for exceptional SAT performance.
- Young Scholars Program (YSP), Ashoka University – Attended with full financial aid.
- NCC Cadet (National Cadet Corps) – Completed training focused on discipline, leadership, and national service
- SRMJEE Rank:535
- Pani Pahad Project – Contributed to a water conservation initiative initiated by Cambridge University.