

LALITH ARAVIND

SOFTWARE ENGINEER

+91 7330684086
lalitharavind30@gmail.com
Hyderabad.

ABOUT ME

Recent graduate with a strong foundation in data analysis, Python, and core Java. Demonstrates solid programming and analytical skills developed through academic coursework and hands-on projects. Highly motivated to leverage data-driven insights to solve complex problems and support strategic decision-making.

SKILLS & ABILITIES

Python, MySQL, JavaScript, react.JS, Data Visualization, Machine Learning, Azure, Cloud Computing, Prompting, AI, Database Management, Critical Thinking, Generative AI, Tableau.

EDUCATION

2020 - 2024	B.Tech (AI & ML) CGPA: 7.0 CMR Technical Campus
2018 - 2020	Secondary Education 83% Sri Chaitanya Jr College.

EXPERIENCE

June 2023 - Sep 2023	Customer Service Associate (NA) Phones Amazon.com Provided phone support to North American customers, resolving inquiries, troubleshooting issues, and ensuring satisfaction. Consistently met performance metrics while delivering professional, empathetic service to enhance customer retention.
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PROJECTS

E – Pilots: A system to predict hard landing

Hard landing prediction using LSTM algorithms aims to enhance flight safety by predicting potential hard landings, which can lead to plane crashes. Long Short-Term Memory (LSTM) networks, a type of recurrent neural network (RNN), are well-suited for this task due to their ability to process and learn from sequential data. By analyzing historical flight data, including parameters like speed, altitude, and descent rate, LSTM algorithms can identify patterns and predict the likelihood of a hard landing. Early predictions allow pilots and automated systems to take corrective actions, thus reducing the risk of accidents during the critical landing phase of a flight.

NJAC Editor

An online code editor is a web-based tool that allows developers to write, edit, and execute code directly in their browser. It supports multiple programming languages and provides features such as syntax highlighting, auto-completion, and real-time collaboration. Users can save their code snippets and projects in the cloud, ensuring easy access and version control. Additionally, many online code editors integrate with various development tools and platforms, enhancing productivity and workflow efficiency.

ACCOMPLISHMENTS & CERTIFICATIONS

Career Essentials in Generative AI by Microsoft and LinkedIn

Generative AI is a subset of artificial intelligence that creates content such as text, images, audio, or video based on input data or prompts. It uses advanced machine learning models, like neural networks, to generate realistic and contextually relevant outputs, enabling applications in creative industries, automation, and personalized experiences.

Technical seminar on TECHNOLOGY OF HOLOGRAM

The seminar on "Technology of Holograms" delves into the fascinating world of holography, exploring its principles, advancements, and applications. Attendees will gain a comprehensive understanding of how holograms are created using the interference and diffraction of light to produce three-dimensional images. The seminar will cover the evolution of holographic technology, from its theoretical foundations to modern innovations such as digital and augmented reality holography. Practical applications in fields like entertainment, medical imaging, security, and data storage will be discussed. Participants will also have the opportunity to see live demonstrations and explore future trends and possibilities in holographic technology.

HOBBIES & INTERESTS

My hobbies include engaging with communities on Discord, playing cricket, and coding. On Discord, I enjoy participating in various servers, connecting with like-minded individuals, and discussing topics of shared interest. Cricket is a passion of mine, both playing and watching, as it offers a perfect blend of strategy, teamwork, and physical activity. Additionally, I love coding because it allows me to solve problems creatively and continuously learn new technologies. These hobbies not only provide me with relaxation and enjoyment but also help me develop valuable skills and foster connections with others.