



**SAI HANISHA CHEEDELLA**

Course : **B.Tech**, Computer Science & Engineering, 2025  
Email : 21311A05P4@sreenidhi.edu.in  
Mobile : 6301118671  
CGPA : 9.31



**ACADEMIC DETAILS**

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Sri Chaitanya Junior College	TelanganaBoard of Intermediate Education (TSBIE)	978 MARKS	2021
CLASS X	Sri Chaitanya Techno School	TelanganaBoard of Intermediate Education (TSBIE)	9.7 CGPA	2019

Subjects / Electives	Machine Learning, Introduction to Data Science, Operating Systems, DBMS, Computer Networks
Technical Proficiency	Java, JavaScript, C Programming, AIML, DSA, R Programming, C++ Language, HTML + CSS, SQL, Python, Bootstrap

**SUMMER INTERNSHIP / WORK EXPERIENCE**

intern, Juniper Networks	Jan 2024 - Mar 2024
intern, Amazon (AWS)	Sep 2023 - Nov 2023

**PROJECTS**

<b>Forest Fire Detection - Data Science</b>	Mar 2024 - Present
Forest fires pose a significant threat to both the environment and human life, necessitating the development of effective detection systems. In recent years, Convolutional Neural Networks (CNNs) have emerged as powerful tools for image analysis tasks, including fire detection. This project explores the application of CNNs in the field of forest fire detection, leveraging their ability to automatically learn features from raw pixel data. We propose a novel approach that utilizes CNN architectures trained on large-scale datasets of both fire and non-fire images. The trained model is capable of accurately detecting fires in real time from aerial or ground-based imagery, thus enabling timely response and mitigation efforts. Experimental results demonstrate the effectiveness of the proposed CNN-based approach compared to traditional methods, achieving high accuracy rates and low false alarm rates. Additionally, we discuss the potential for further enhancements and deployment considerations in real-world scenarios. Overall, this study contributes to the advancement of forest fire detection methodologies by harnessing the power of CNNs in the realm of data science.	
<b>Language translator tool - Python</b>	Oct 2023 - Nov 2023
Experience seamless language translation with my Python-based tool. Effortlessly convert text between multiple languages using advanced algorithms and APIs. Simple, intuitive interface ensures ease of use, while robust error handling guarantees accurate translations every time. Break down linguistic barriers with our efficient and versatile solution.	
<b>Hack Buddies - web development</b>	Aug 2023 - Aug 2023
Developed and Implemented an organizing website for hackathons to facilitate smooth event management and communication between organizers and participants. It also includes various additional features like text to html converter , AI tools.	
<b>Chat Application - Java programming</b>	Apr 2023 - Sep 2023
Revolutionize communication with my Java-based group chat application, leveraging server-socket architecture for seamless connectivity. Connect multiple users in real-time, facilitating efficient message sharing and collaboration. With robust server-client communication, enjoy reliable and secure interactions. Experience the pinnacle of group chat efficiency with my innovative Java solution.	

**CERTIFICATIONS**

CERTIFICATION	CERTIFYING AUTHORITY
Programming in Java NPTEL IIT Kharagpur	IIT Kharagpur
AWS Academy Graduate - AWS Academy Cloud Foundations	AWS
Secure your Azure SQL Database	microsoft
Secure your Azure Storage account	microsoft
Chain Azure Functions using input and output bindings	microsoft
Introduction to Data Science	CISCO Networking Academy
Create a Windows virtual machine in Azure	microsoft
AWS Academy Graduate - AWS Academy Machine Learning Foundations	AWS

R For Data Science		Coignitive class
COMPETITIONS		
Hash it out		
CONFERENCES AND WORKSHOPS		
<div><div>Data Science and Machine Learning</div><div>Organized by: department of computer science and engineering   Date:</div><div>Coding and Soft Skills Workshop</div><div>Organized by: class free techno   Date:</div></div>		
TEST SCORES		
TEST NAME	DATE OF EXAM	SCORE
Programming in JAVA	Apr 11, 2024	60 Percentile
LANGUAGES KNOWN		
hindi,english,telugu		