Sai Pavan Reddy Alakanti

GET IN TOUCH!

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PERSONAL DETAILS

- Current Location Chennai
- Date of Birth July 10, 2003
- Gender Male

SKILLS

- Python
- C

LANGUAGES KNOWN

- English
- Telugu

ACHIEVEMENTS

- Certified Security Associate, Certified python developer

CERTIFICATIONS

- Machine Learning
- NSE 1 Network Security Associate FORTINET Certification
- Evolution of Cyber Security Fortinet Certification
- Machine learning to Deep Learning ISRO certification
- Applications of Machine Learning in Urban Studies ISRO Certification

RESUME SUMMARY

Machine learning intern experienced in data analysis and customer segmentation using Python, scikit-learn, and data visualization tools.

EDUCATION

Graduation

Course	B.Tech/B.E. (Computers)
College	Bharath Institute of Higher Education and Research, Chennai
Year of Passing	Graduating in May 2024
Score	8.9/10

Class XII

Board Name	Other
Medium	English
Year of Passing	2020
Percentage	82%

Class X

Board Name	CBSE
Medium	English
Year of Passing	2018
Percentage	79%

INTERNSHIPS

IBM, June 2023 - July 2023

- Developed and applied foundational knowledge of cybersecurity principles and ethical hacking techniques in a real-world setting.

Conducted comprehensive penetration tests on systems, networks, and applications, identifying vulnerabilities and suggesting appropriate remediation measures.
Collaborated closely with the cybersecurity team to prioritize and address high-risk security issues, contributing to a more robust and secure digital environment.

HDLC Technologies, May 2023 - June 2023

- Collaborated with the data science team to preprocess and analyze customer data, implementing K-Means and Hierarchical Clustering algorithms using Python and scikit-learn.

Presented actionable insights derived from clustering results to business stakeholders, refining communication and problem-solving skills.

PROJECTS

Music Recommendation using Human Emotion Detection, May 2023 - August 2023

- By incorporating human emotion recognition into this research, we intended to improve the music

recommendation algorithm and provide individualised, emotionally resonant music selections. By utilising the

capabilities of artificial intelligence and machine learning, we created a ground-breaking system that assessed

users emotional states and made music recommendations that were consistent with those states.

AWARDS AND HONOR

- Certified Security Associate from FORTINET and Certified PythonDeveloper