RESUME

TITLE : **Hasini Billa**
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LINKS:

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Hacker rank: https://www.hackerrank.com/profile/hasinibilla1311
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EDUCATION:

S. No	Qualification	Institute	Year	GPA or Percentage
1	B. Tech (CSE-AI&DS)	VNRVJIET	2021-25	**8.898 CGPA** (Currently in the 5th Semester)
2	Intermediate	Narayana Junior College	2019-21	**96.4%**

PROJECTS:

- ❖ **LIBRARY MANAGEMENT SYSTEM (Dbms):** Engineered a user interface specifically designed to streamline the management large-scale acquisitions, encompassing of 100's of new materials. Introduced an online public access feature and an administration module, successfully competed in 2022.

- ❖ **SIGN LANGUAGE TRANSLATION (Machine Learning):** Created a cutting-edge application in 2023 using machine learning for sign language translation; revolutionized communication for the hearing impaired by utilizing hand gesture recognition, human- computer interaction, glove, and vision-based approaches impacting 2.42 million.

- ❖ **FORESTRY ANALYTICS (Data Science):** Developed and deployed a data science model for forestry analytics, predicting tree count, categorizing species, conducting temporal analysis, and detecting anomalies in sentinel images across 4-5 billion hectares. Achieved through advanced pre-processing techniques in 2023.

- ❖ **CAPTCHA GENERATOR(Java):** Implemented a captcha generator using Python and machine learning techniques, crafting randomized image-based changes. Improved website security by deterring automated bots through a sophisticated verification system. Implemented algorithms to generate unique and complex CAPTCHA.

TECHNICAL SKILLS:

Programming languages	C, C ++, Python, Java, SQL
Libraries	NumPy, Pandas, matplotlib, Seaborn, Sklearn
Software tools	AutoCAD, Photoshop
Operating Systems	Linux,Unix

COURSES:

- ❖ **STACK DEVELOPMENT MERN (2022-2023):** Studied frontend technologies such as HTML, CSS, Bootstrap, along with frameworks like NodeJS, JavaScript. Explored backend operations using MongoDB at VNRVJIET

- ❖ **DSA (2023-PRESENT):** Perfecting solution optimization, data structures, and algorithms at SMART INTERVIEWS.

- ❖ **Data Science Architect Master's Course (2023-PRESENT):** Learning machine learning, deep learning, artificial intelligence, and data science at INTELLIPAAT.

CERTIFICATIONS:

- ❖ **Certificate of Service** 2021-2022 from Street Cause (National Organization)

- ❖ NPTEL Certification in **Data Science for Engineers** 2023.

- ❖ **Infosys Springboard** certificate on **Prompt Engineering** and **Introduction to Unix** in 2023.

ACHIEVEMENTS:

Co-Curricular:
- ❖ Achieved **4th** prize for **Designing logo** for VJ Data Questers (Coding Club)
- ❖ Shortlisted from college out of 200 teams in the **SIH** (Smart India Hackathon).

Extra-Curricular:
- ❖ Won **5 Classical Dance** competitions and entered into **Telugu Book of Records.**
- ❖ Appointed as **1st Discipline vice captain** at school from 2017-2019.
- ❖ Acquired **4th** place by performing **Stage Play** at **IITH** and collaborated as **Actor, Script Writer** in Dramatrix(college club).

SOFT SKILLS:

- ❖ Led a collaborative initiative among team members of SIH, resulting in a 20 % increase in successful project delivery.
- ❖ Promoted open communication among students in all the clubs, reducing the time gap by 25%.
- ❖ Guided a high achieving team through difficult situations and achieved 15% improvement compared to previous year.