# RESUME

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# LINKS:

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# EDUCATION:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Qualification** | **Institute** | **Year** | **GPA or Percentage** |
| 1 | B. Tech (CSE-AI&DS) | VNRVJIET | 2021-25 | **8.726 CGPA** (Pursuing 5th Sem) |
| 2 | Intermediate | Narayana junior college | 2019-21 | **97.0%** |

**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 pubic 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 impacts 2.42 million.
* **CAPTCHA GENERATOR(Java):** Engineered 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.
* **FORESTRY ANALYTICS (Data Science):** Designed and implemented a sophisticated data science model for forestry analytics, accurately predicting total tree count, categorizing species, performing temporal analysis, and detecting anomalies in sentinel images of nearly 4-5 billion hectares of land. Achieved through advanced pre- processing techniques in 2023.

# 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 VNRJIET.
  + **DSA (2023-PRESENT):** Perfecting solution optimizing, 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 spring board** certificate on **Prompt Engineering** and **Introduction to Unix** in 2023.

# ACHIEVEMENTS:

Co-Curricular:

* + Conquered 4rth 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** competition’s and entered name 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:

* Spearheaded a collaborative effort among team members of SIH, resulting in a 20 % increase in successful project delivery.
* Facilitated open communication between students in all the clubs which reduced the time gap by 25%.
* Led a high performing team through difficult situations and achieved 15% improvement compared to previous year.