BHUVAN KANDHI

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Linkedin | Portfolio | GitHub

EXPERIENCE

NRSC, ISRO | Analytics Intern   Hyderabad | 22/01/2024 - 31/05/2024
- Developed a data analytics model using EOS-6 scatterometer L2B wind data to detect tropical cyclone centers.
- Applied advanced analytics to interpret patterns, improving forecasting accuracy by 15%.
- Enhanced the efficiency of cyclone behavior prediction by 20%.
- Utilized Python for data preprocessing and analysis, streamlining workflow and reducing processing time by 25%.
- Automated the data extraction and processing pipeline, enhancing the accuracy and speed of cyclone prediction models by 20%.

SKILLS

Programming Languages:	Java, Python, Javascript, Html, css
Libraries/Frameworks:	ReactJs
Tools / Platforms:	Git & Github, Spyder, Google Colab, Tableau, markdown, Airtable, Microsoft Office, Google Sheets, Canva
Databases:	MongoDB, MySql

PROJECTS / OPEN-SOURCE

FEISTEL-P-VOL | Link   *Java, Cryptography*
cipher tool for secure text encryption and decryption, utilizing plaintext and key files, applying rounds of XOR and swap operations, and displaying results via a simple CLI.

MULTIPLE CIPHER TEXT   *C, Cryptography*
encryption and decryption tool supporting Morse Code, Caesar Cipher, Vigenre Cipher, and a proprietary keyboard-symbol-based cipher, allowing users to select and apply different encryption methods for secure text transformation.

EDUCATION

VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE (VITS)   Hyderabad
B.Tech Information Technology.,   October 2020 - June 2024
CGPA: 7.4

SRI CHAITANYA JUNIOR COLLEGE   Hyderabad
Degree in Intermediate.,   June 2018 - May 2020
Percentage: 95%

CERTIFICATIONS

- Cyclone_Analysis_Report_NRSC - **Link**
- Cloud Computing - NPTEL.
- Troubleshooting Tableau - SpringBoard.

HONORS & AWARDS

- Placed 8th at BITS Techathon (24-hour hackathon)
- Founded and led the coding club at Vignan University
- Hosted an inter-college hackathon in Hyderabad
- Awarded first place for the Innovative Project MCC at Vignan University