MAJJI NITIN SAI

Computer Science

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D.O.B: 4th Dec 2002

PROFILE SUMMARY

Dynamic and results-driven Computer Science graduate with a robust foundation in programming, and problem-solving. Passionate about leveraging technical expertise to drive innovation and contribute to cutting-edge projects. Adept at quickly learning new technologies and working collaboratively to achieve organizational goals.

EDUCATIONAL QUALIFICATION

- B. TECH in Computer Science, Amrita School of Engineering, Bengaluru, **2024**   **CGPA: 8.24**
- Intermediate Examination, Tirumala Junior College, Visakhapatnam, **2020**   **Marks: 934/1000**
- CBSE Board, Sri Prakash Vidyaniketan, Visakhapatnam, **2018**   **Marks: 420/500**

TECHNICAL SKILLS

- **Programming Languages**: Python,C++
- **Databases**: MYSQL
- **Data Science Tools**: NumPy, Pandas, Scikit-learn, TensorFlow
- **AI Technologies:** Machine Learning, NLP, Deep Learning
- **Networking:**   - Hands on experience of tools Wireshark, CISCO packet tracer, Ping, Traceroute, Hping, Tcpdump
  - Knowledge of OSI model, TCP/IP protocol stack, IP Header, ARP Header, Ethernet Header
  - Knowledge of protocols such as ARP, RARP, GARP, DHCP, DNS, TCP, UDP
  - Familiarity with static and dynamic routing**,** OSPF
  - Familiarity with Switching technologies like VLAN,VTP,STP,EtherChannel

PROJECTS

1. **Hybrid Approach to Detecting SMS Spam and Cyberbullying in Textual Content**   **Mar 2024 – April 2024**
   - Engineered and deployed deep learning and NLP models, achieving a 90% accuracy rate in detecting harmful content, thereby enhancing online user safety by 35%.
   - Implemented robust models capable of detecting spam and bullying messages with over 90% accuracy.
   - Enhanced user safety by reducing spam incidents by 40% and cyberbullying reports by 30%.
   - **Technologies and Tools used: LLM, BERT, DNN, LSTM, Bi-LSTM, NLP, Deep Learning**

2. **Automatic Topic Identification in Destination Reviews**   **Sept 2023 – Dec 2023**
   - Engineered a cutting-edge hybrid topic modeling approach utilizing LDA, BERT, GPT-2, and K-means clustering.
   - Achieved a 2% improvement in accuracy for topic identification from the given destination reviews.
   - **Technologies and Tools used: LLM, BERT, GPT-2, LDA, NLP**

3. **Full Stack E-commerce Website**   **Apr 2023 – May 2023**
   - Developed a Full Stack E-commerce Website using MySQL and Express for backend development.
   - Enabled user login, credit card management, and cart operations (add/delete items, purchase).
   - Implemented wallet functionalities, Integrated features for viewing transaction and booking history.
   - Demo of the project : E-commerce-Website
   - **Technologies and Tools used: ExpressJS, NodeJS, CSS, JavaScript, MySQL**

IEEE PUBLICATIONS

- **Automatic Topic Identification in Destination Reviews using Hybrid Topic Modelling Techniques** (Presented to the 15th INTERNATIONAL IEEE CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT), 2024, **IIT - Mandi,** Himachal Pradesh, India.)   Certificate

- **Hybrid Approach to Detecting SMS Spam and Cyberbullying in Textual Content** (Submitted to the 2nd ICAITPR 2024: 2nd International Conference on Artificial Intelligence Trends and Pattern Recognition 2024, India.)

CERTIFICATIONS

- Python Essentials 1 - Cisco, in collaboration with OpenEDG Python Institute
- Problem Solving (Intermediate) - Hacker Rank
- Completed training on **CCNA** from "NETWORKERS HOME", Bengaluru

PERSONAL DETAILS

Father's Name	:	M.P.Murty
Residence Address	:	Qr.No - D2 C 32, L&T North colony, Kansbahal, Rourkela, Odisha-770034
Languages Known	:	English, Hindi, Telugu
Nationality	:	Indian

DECLARATION

I do hereby declare that the above information is provided by me is true to the best of my knowledge.

Place: Bengaluru
Date:

Signature
(Majji Nitin Sai**)**