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**Computer Science MOBILE NO: +91 9937289897**

**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 experienceof toolsWireshark, 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](https://youtu.be/5liv67qsMyI?si=Pc0jCd3BMfh1Wr03)
   * **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](https://drive.google.com/file/d/1xshxgGvH0YS-J--HQSWebMJ0ODifD2LL/view?usp=sharing)

* **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**)**