A close-up of a logo

Description automatically generated MAJJI NITIN SAI

# Computer Science

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**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**

|  |  |  |  |
| --- | --- | --- | --- |
| **YEAR** | **QUALIFICATION** | **BOARD / UNIVERSITY** | **CGPA / MARKS** |
| 2024 | B. TECH | Amrita School Of Engineering, Bengaluru | 8.16 |
| 2020 | Intermediate Examination | Tirumala junior college, Visakhapatnam | 93.4 % |
| 2018 | CBSE Board | Sri Prakash Vidhyanikethan, Visakhapatnam | 84 % |

**TECHNICAL SKILLS**

**Programming Languages**: Python, C++ **| Databases**: MYSQL **| AI Technologies:** Machine Learning, NLP, Deep Learning **|**

**Data Science Tools**: NumPy, Pandas, Scikit-learn, TensorFlow.

**PROJECTS**

# A Moderator for detecting SMS Spam and Cyberbullying comments in social media Mar 2024 – April 2024

* + Trained robust models using *LLMS* such as BERT, as well as deep learning models like DNN, LSTM, and BI-LSTM and their combinations of these models and achieved an accuracy rate exceeding 90%.
  + Developed a streamlit app using python, which demonstrates the real-time application of the moderator model.

# Technologies used: LLM, BERT, DNN, LSTM, Bi-LSTM, NLP, Deep Learning

1. **Booking Management System utilizing DSA Oct 2023 – Nov 2023**
   * Developed a versatile system in C++ to manage bookings, integrating array handling, sorting algorithms (Selection Sort), binary search, and data structures like vectors, showcasing robust design and flexibility.

# Technologies used: STL, DSA, C++

1. **Full Stack E-commerce Website July 2023 – Aug 2023**
   * Developed a Full Stack E-commerce Website using MySQL and Express for backend development.
   * Used `Sequelize` ORM to connect front end and back end, `Passport.js` to authenticate, `Noty.js` for notifications, enhancing the user experience and providing real-time updates.
   * Implemented Integrated features for viewing transaction and booking history, performing cart operations (add/delete items, purchase) and other wallet functionalities for the registered users.
   * The demo of this project - [Express App](https://www.youtube.com/watch?v=5liv67qsMyI)

# Technologies used: ExpressJS, NodeJS, CSS, JavaScript, MySQL

1. **Bank Management System demonstrating OOPS concepts April 2023 – May 2023**
   * Developed system to manage bank accounts, perform operations such as deposits, withdrawals and balance inquiries. Designed and implemented OOP principles including inheritance, encapsulation, and polymorphism using c++, to create a robust and flexible system.

# Technologies used: C++, Object-Oriented Programming

**IEEE PUBLICATIONS**

* **Automatic Topic Identification in Destination Reviews using Hybrid Topic Modelling Techniques** (Submitted to the 15th INTERNATIONAL IEEE CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES

(ICCCNT), 2024**, IIT - Mandi,** Himachal Pradesh, India.) omsairam

* **Hybrid Approach to Detecting SMS Spam and Cyberbullying in Textual Content** (Submitted to THE 15th INTERNATIONAL IEEE CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT),

2024, **IIT - Mandi,** Himachal Pradesh, India.)

**CERTIFICATIONS**

* **Python Essentials 1 - Cisco, in collaboration with OpenEDG Python Institute**
* **Problem Solving (Intermediate) – HackerRank**
* **SQL (Basic) – HackerRank**

**REFERENCES**

**L. Vidyasagar (Senior Staff Engineer)**

CN Labs, ITPL Bengaluru

**PERSONAL DETAILS**

**Father’s Name :** M.P.Murty (AGM at L&T Kansbahal works) **Permanent Address :** D2C-32 North Colony Kansbahal, Odisha 770034 **Languages Known :** English, Hindi, Telugu

**Nationality :** Indian

**Interest and hobbies :** Volleyball

**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**)**