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

1. **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**

2. **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++**

3. **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
   - **Technologies used: ExpressJS, NodeJS, CSS, JavaScript, MySQL**

4. **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.)

- **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**

I hereby declare that the information furnished above is true, complete and correct to the best of my knowledge