TEJUS HP

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GitHub | **Linkedin** | **HackerRank** | **Portfolio**

EDUCATION

DAYANANDA SAGAR COLLEGE OF ENGINEERING   BANGALORE, KARNATAKA
BIOTECHNOLOGY BACHELOR OF ENGINEERING   2021 - 2025
CGPA: 8.35

KALPATARU PU COLLEGE   TIPTUR, KARNATAKA
PCMB PRE-UNIVERSITY   2018 - 2020
Percentage: 91%

EXPERIENCE

IEEE SIT SB | Student Branch co-ordinator   Jan-2022 - Mar-2024
- Fulfilling the role of an active executive committee member within the largest technical student branch,responsible for orchestrating and leading IEEE events such as IdEEEas and WIE code.
- Serving as a dedicated representative for IEEE initiatives, entrusted with the coordination and execution of events aimed at fostering technical growth and empowerment among members.

Intern at Code Alpha - Remote   Mar-2024 - Apr-2024
- During my internship at Code Alpha, I developed and maintained responsive web applications using HTML, CSS, and frameworks like React.js and Angular.
- I collaborated with a team to deliver high-quality web solutions, focusing on front-end development for cross-browser compatibility and mobile responsiveness.
- I integrated front-end code with back-end services using RESTful APIs and Node.js. I identified and resolved bugs, optimized code for performance, and improved user experience. Additionally, I utilized Git for version control and collaborated on repositories using GitHub.

SKILLS

Programming Languages:	Python
Libraries/Frameworks:	React.js, Django, Flask, Fast API, Django Rest Framework
Tools / Platforms:	VS code, Git, Github
Databases:	SQL

PROJECTS / OPEN-SOURCE

Student Personalized AI bot   *Django - MVT, Django- ORM (db.sqlite3), Gemini API, RAG*
- The Student Personalized AI Bot used Django (MVT architecture) for a structured backend and Gemini API for advanced AI functionalities.
- It employed Retrieval-Augmented Generation (RAG) to enhance response accuracy and relevance. The bot delivered personalized recommendations and assistance to students by accessing the student database through function calls, improving their learning experience.
- This project highlighted my skills in integrating advanced technologies and developing a user-centric educational tool.

Tourist Recommendation System   *FlaskAPI, Python, JSON, Cosine-Similarity*
- Tourist place recommendation system recommends 5 similar places like the users present choice.
- This can be achieved through a data analysis concept called as Cosine-Similarity.
- User's present visited tourist place is retrieved as JSON object and requests a FlaskAPI. API responds with 5 similar places as JSON object.

CERTIFICATIONS

- Python Certification - **HackerRank**
- Associate in IT Foundation Skills (Python) - Infosys Springboard.
- National level 12 hr Hackathon (volunteer) - WIE-Code IEEE SIT SB.
- National Level Technical Symposium (volunteer) - IdEEEas IEEE SIT SB.
- Python And Django Framework Certification - Udemy.