Premasagar K

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github.com/Premasagark

Summary

An aspiring developer with a strong foundation in Python programming, web application development, and problem solving. Eager to contribute to innovative projects by delivering efficient and high-quality solutions. Committed to continuous learning and professional growth in the field of development.

Education

Kathir College of Engineering, Coimbatore.   2021 – 2025
- CGPA: 7.75/10.0
- **Coursework:** Bachelor Of Engineering, Computer Science and Engineering.

Chinnasamy Ammal Govt Hr Sec School, Tirupur.   2018 – 2021
- Higher Secondary Education | Mark: 82.16%
- Secondary Education | Mark: 82.20%

Internship

Backend Developer, Cruzze Solutions LLP – Coimbatore.   SEP 2024 – OCT 2024
- Built and improved RESTful APIs using Python (Flask) and MS SQL for core features in an HR management system.
- Worked on real-time projects with CRUD operations, wrote SQL queries using SQLAlchemy Core, and added logging features in a clean, structured codebase.

Projects

Task Master - Web based To-Do-List   /Task-Master
- Built a dynamic to-do list app called Task Master with user login, note-taking, and task management features.
- Tools used: Python, Flask, HTML, CSS, JavaScript.

Text-to-Speech Translator
- Created a Text-to-Speech translator with multi-language support and accurate pronunciation using Python.
- Tools used: Python, Flask, Gtts, Playsound libraries.

Hotel booking system   /Hotel-booking-system
- Developed a hotel booking system with features such as searching, booking,check availability, and user management.
- Tools used: Python, Flask, HTML, CSS, Bootstrap, JavaScript.

Certifications

- **Python, HTML5, CSS3** in Infosys Springboard.
- **Frontend, Backend, DSA** in Sparta coding club.
- **MongoDB Certification** in MongoDB University.

Tech Stacks

Languages and Frameworks: Python, Flask, Django, C programming, SQL, HTML, CSS, Bootstrap, JavaScript.

Technologies: GitHub, Postman, Microsoft SQL, SQLAlchemy, MongoDB.

Area of Interest: Software Development,API development, Full stack development, Data structure and algorithms, Problem solving.