CHITHARTHAN P K

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Recent graduate with good Python skills, eager to launch a career in software development. Passionate about coding and problem-solving, seeking a Developer role to apply knowledge and contribute to innovative projects. Committed to continuous learning and growth in a collaborative team environment.

EXPERIENCE

Technical assistant, CSIR-Central Leather Research Institute, December 2022 - April 2023

- Collaborated on full-stack projects involving HTML, CSS, JS, Flask, MySQL, and Ajax.
- Designed and developed MySQL databases for efficient data retrieval in Flask-based web applications.
- Conducted comprehensive testing and debugging to ensure error-free web applications and database interactions prior to deployment.

EDUCATION

M.Sc. Bioinformatics (5 year Integrated). June 2018 - July 2023

Bharathidasan University, CGPA: 8.4 /10.

SKILLS

Programming language: Python | JavaScript.

Technical skill: HTML | CSS | Flask | Django | MySQL | MongoDB | RESTful API | Git | Github | Bootstrap | Responsive web design | MS office | Command line.

PROJECT

Portfolio Website (View Website)

- Developed a responsive portfolio website for optimal user experience on all devices.
- Showcased skills and projects effectively for easy exploration.
- Designed with a user-centric approach, prioritizing navigation and accessibility.

In silico screening of marine natural product compounds against SARS-CoV-2 target proteins.

- Screened marine compounds against SARS-CoV-2 proteins, identifying potential drugs.
- Applied molecular Docking & Bioinformatics tools to analyze Protein interactions.
- Analysis showed promising lead compounds for potential COVID-19 treatments.

CERTIFICATIONS

Programming for Everybody (Getting Started with Python) | Python Data Structures | Introduction to Back-End Development | Introduction to Front-End Development (View certificate)