Sriram Vasudevan

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About me

I am a student who loves to convert my ideas into real-life applications. I want to apply what I learn and create useful things that matter. Apart from building personal projects, I contribute to open-source projects whenever I can.

Education

Computer Science and Engineering (Spl. in AI)

Sathyabama Institute of Science and Technology • Chennai, Tamil Nadu
06/2024

Skills

- **Languages:** Python, C, C++, HTML, CSS, JS
- **Frameworks/libraries:** Flask, SQLAlchemy, Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, Streamlit
- **Databases:** MySQL, SQLite, PostgreSQL, MongoDB
- **Tools:** Visual Studio Code, Sublime Text, Git & Github, Postman
- **Others:** Linux, Networks, ML, Data science, Data visualisation, DSA, Threading, Socket programming

Experience

Project Intern

Samsung PRISM
11/2021 - 04/2022
I played a key role in developing a **data analysis dashboard** that generates data charts dynamically.

Projects

- **TCP chat room:** A TCP based CLI chat application built using python and socket programming and threading.
- **Linear regression visualization:** A straightforward graphical visualization of a linear regression ML model
- **pybye:** It logs the system's uptime and draws a graph in the terminal visualizing the logs
- **System log:** It lets you visually monitor the RAM usage, core temperature and fan speed of the system.
- **TUFIDCO API:** An API written in flask along with MongoDB that supports CRUD operations.

Other projects: Homemade rocket, Models of planes and ships, Homemade drone (Unsuccessful)

Interests

- **Technical interests:** Machine learning, Networks, System design, Computer architecture
- **Other interests:** Rocketry, aeronautics, automobile and maritime engineering
- **Personnel interests:** Cycling, Exploration, Digital art, Geography, History

Achievements

- Led a winning team at a university-level hackathon.
- Achieved the runner-up position at SIH 2022, a national-level hackathon.
- Conducted a hands-on workshop on Machine Learning for beginners.