SAM FREDRICK

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Introduction

As a diligent student, my commitment to personal and professional growth fuels my pursuit of excellence in computer science engineering. I'm eager to contribute meaningfully to team endeavors.

Education

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY   **Chennai**
Bachelors of Techology in Computer Science Engineering   *SEP 2022*

KAMALA NIKETAN MONTESSORI SCHOOL   **Trichy**
Higher Secondary

Experience

1STOP.AI   **Chennai**
Web Development Front-end Intern   *AUG 2023 - SEP 2023*

- Gained practical experience in HTML, CSS, and JavaScript.
- Collaborated with an experienced industrial mentor to make three web projects

Personal Projects

FILE XPLORER - GitHub Repository

- Designed and developed a feature-rich file management system with real-time resource monitoring capabilities:
  - ∗ File Management Features:
    - · User-friendly interface for navigating files and directories.
    - · Support for file uploads, downloads, and deletion.
    - · Search functionality to quickly locate specific files.
    - · Integration with cloud storage services for data backup.
  - ∗ Real-Time Resource Monitoring Features:
    - · System Information: Provides system platform, release, and architecture.
    - · RAM Usage: Displays RAM usage.
    - · Disk Usage: Shows disk usage.
    - · CPU Usage: Displays CPU usage.
    - · Network Usage: Shows network bytes sent and received.
  - ∗ Terminal Access: Provides a terminal interface for running commands on the server.

Twitter Clone - GitHub Repository

- Developed a social media web application using Django:
  - ∗ User Authentication Features:
    - · Secure user account creation, login, and logout using Django's built-in authentication system.
  - ∗ User Profiles Features:
    - · User profiles displaying user bio, profile picture, tweet counts, followers, and following.
  - ∗ Tweets Features:
    - · Users can create tweets with text and optional images, displayed on the home page and user profiles.
  - ∗ Likes and Comments Features:
    - · Users can like tweets, with the number of likes displayed on each tweet.
    - · Users can comment on tweets, with comments displayed below each tweet.
  - ∗ Followers/Following Features:
    - · Users can follow and unfollow other users, with follower/following counts on user profiles.

Technical Skills

Frontend: HTML, CSS, JS
Backend: Python - Django
Database: Mysql, Postgresql