SIDDHARTH ROY

Basnwara, Rajasthan

 https://www.linkedin.com/in/reactoverflow/

 github.com/siddharthroy12 leetcode.com/siddharthroy

Profile

I'm a **versatile developer** with a strong background in **full-stack web application** development using **React** and **Node**. In addition to crafting web applications, I excel at creating **automation scripts** and **web scraping** tools with **Python**. My experience includes contributions to **open-source** softwares/games and **mentoring** others to improve their skills and achieve goals in their work. Additionally, I'm enthusiastic about **mobile app development** using **Flutter** and **game development** using **Godot**.

Experience

Everlytics   **October 25, 2022 - Present**
Frontend Developer Intern   *Remote*
- Enhanced the **code quality** and **structure** of the entire **codebase** while introducing **TypeScript** to enhance Developer Experience.
- Incorporated **automated** end-to-end (E2E) **testing** using **Cypress** into multiple significant projects.
- Successfully implemented complex **user interfaces** for **Analytical Dashboards** for **4PointX** and **Energy Logserver**.
- Took on the **responsibility** of **maintaining** the entire **frontend repository**, ensuring that the code remained **clean** and adhered to established **best coding practices**.
- **Mentored** multiple **interns** and assisted them in **enhancing their skills** and acquiring new knowledge.
- Wrote APIs in **Python** making using of **Opensearch** database.
- Wrote a **Python** script to convert **Jira Confluence** page to **Sphinx** docs so that we can easily create user docs using confluence editor.

Projects

Recorded | *React, JavaScript*
- Made a web app to create **image** and **animated video** from **code snippet**.
- Images and videos are generated client side (whithin the browser), eliminating the need for any server-side interaction.

Agrus | *React, Node, MongoDB*
- Created an Reddit Clone using the **MERN Stack**.
- Users can create community where other users can join and posts there. Similar to Subreddits.
- Posts can contain images or video with text caption.
- Posts can be liked, commented and saved by users.

TouchTyper | *C++, Raylib, WASM*
- Created a typing test software entierly on **C++** using a graphic library called **Raylib**.
- Used Raylib to render text and shapes to create a nice user interface.
- C++ code is compiled to **WASM** so the app also runs on the browser.

Gravity-Sandbox | *Typescript*
- Created a fun 2D newtonian gravity simulator using just **TypeScript** and **Canvas API**.

Rockets | *LUA, PICO-8*
- Created a **8Bit** style game using a **fantasy virtual console** named **PICO8** and **LUA** language.

Linux Touchpad Driver | *C*
- **Forked** a Linux touchpad **driver**, Libinput, to customize it for compatibility with my laptop due to **hardware issues**, specifically addressing and **resolving problems** related to **ghost touches**.

Automation Scripts | *Python*
- Wrote automation scripts and web scraping scripts for multiple clients that required scraping data from websites, processing them to desired format and having a user friendly CLI Interface.

Technical Skills

Languages: Python, C, C++, HTML/CSS, JavaScript, Typescript, SQL, Dart, LUA
Developer Tools: VS Code, Git, Vim,
Technologies/Frameworks: Linux, Github, Cypress, Flutter, Nextjs, React

Opensource Contribution and Achivements

Raylib **2021**

*A graphic library written in **C***

- Added new text rendering function to help draw unicode characters.

Super Mario 63 Redux **2023**

*A fan made mario game made using **Godot***

- Fixed bug related to moving platforms.
- Improved and fix bugs in built in console for debugging.

Found vulnerability **2023**

Found a vulnerability in a popular chess website that allowed downloading paid courses or free. Python script available

Education

Leo College **November 07, 2020 - Present**

Bachelor's in Computer Application *Banswara, Rajasthan*

St. Mathews **May 07, 2019 - August 07, 2020**

12th, Science *Banswara, Rajasthan*