Rishav Thakur

CS Major (IET, Davv) , Js Devloper

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EXPERIENCE

SDE Intern
Walkover

05/2020 - 07/2020   *Indore*

Achievements/Tasks

- Built a market analysis tool by scraping top 1 million sites and categorized them. The site provides an overview of different trends in the market as well as shows similar sites and assigns a category to any new site or keyword searched by the user. ↗
- Search engine and Sub-categorization(based on keywords and domain of URL)
- Identification of change in rank and size of each Industry for analyzing market trends
- A clean and easy to use UI in React with graphs and visualizations.
- Created an online platform for ViaSocket to securely run user script in any language using docker, node and react.

Summer School Intern
Nvidia

06/2019 - 07/2019   *Pune*

Achievements/Tasks

- Worked on Compilers through LLVM/Clang. Focused mainly on Machine Independent optimization (using graphs), ELF format and LLVM pass.
- Wrote a pass in LLVM
- Learned vim,tmux, ssh and other tools to effectively code on remote machines.
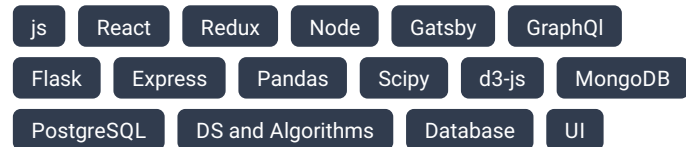
EDUCATION

Computer Science
IET-DAVV

08/2017 - 06/2021   *7.53*

SKILLS

`js` `React` `Redux` `Node` `Gatsby` `GraphQl` `Flask` `Express` `Pandas` `Scipy` `d3-js` `MongoDB` `PostgreSQL` `DS and Algorithms` `Database` `UI`

PROJECTS

Flocking Infinity (Chrome Extension) ↗
- The extension replaces your new tab with Flock Simulation, based on Craig Reynolds boids algorithm and paper.

8-TILES (Online Game) ↗
- Classic sliding puzzle clone in React with solver. Solver based on A* search algorithm and manhattan distance

Spotify Party
- Spotify party allows you to create a online virtual lounge where you can chat and see what others are playing live.Built using MERN stack and Socket.io

Drums-2.0 (Drum Machine) ↗
- Drum Machine made in React and WebAudioApi. Design and functionality based on roland 8080. Features global reverb and ADSR for each instrument.

NYT-BestSeller-Yearly ↗
- Collected weekly list to calculate and show the best seller books of the year. (built using Flask and React)

Degrees of Kevin Bacon ↗
- Finds link between any actor and Kevin Bacon using movies. Uses 2-way optimized BFS

Music Visualizer ↗
- A music Visualizer made in d3js and WebAudioApi

ACHIEVEMENTS

Oss Contributions @Mozilla and MIT's missing-semester (IAP)

Winner Board-Js Game Jam. 3rd place in College Hackathon

Chrome Extension Developer

Survey Paper in SSRN ↗

LANGUAGES

Language	Level
Javascript	●●●●○
Python	●●●○○
C++	●●●○○
Java	●●○○○

INTERESTS

`Full-Stack` `Data Science` `UI/UX`