

# Sahil Arora

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🌐 <http://sahilarora.netlify.app/>

## Formal Education/Degree

Graduation in progress in Computer Science

**Vellore Institute of Technology (VIT)**

📅 April 2019 – Ongoing

📍 Chennai, Tamil Nadu

- **CGPA:** 9.02
- Completing B.Tech Computer Science (CSE) from VIT Univeristy Chennai

## Complementary Education

Senior Secondary Education CBSE - 12<sup>th</sup>

**Sidhartha Public School**

📅 March 2019

📍 New Delhi

- **Percentage:** 89.8%

Matriculate Education CBSE - 10<sup>th</sup>

**Siddharth International School**

📅 March 2017

📍 Hisar, Haryana

- **CGPA:** 9.4

## Projects

MdTex

**Markdown and Katex Editor**

📅 April 2021

🌐 <https://github.com/sahilarora3117/MdTex>

- **Technologies Used:** ReactJS, ElectronJS
- A cross compatible Markdown and Katex Editor built on Electron Framework.

eLibrary

**Neo4J based eLibrary**

📅 October 2019

🌐 <https://github.com/sahilarora3117/eLibrary>

- **Technologies Used:** NodeJS, Neo4j GraphDB
- An eLibrary based on Neo4j GraphDB with elastic search indexing and recommendation generation using collaborative filtering

MyTVList

**TV Tracker**

📅 August 2020

🌐 <https://github.com/sahilarora3117/MyTVList>

🌐 <https://snapcraft.io/mytvlist>

- **Technologies Used:** ReactJS, NodeJS
- A minimal Electron and web app based on ReactJS for tracking TV Shows. Helps to track shows using the Trakt API.

## Work Experience

ReactJS Development Internship at VerifyMe India

**React, NextJS**

📅 October 2021 - December 2021

## More Information



**Github**

<https://github.com/sahilarora3117>



**Blog**

<https://sahilarora.netlify.app/blog>



**LinkedIn**

<https://linkedin.com/in/sahilarora3117>

## Research Work

Exploration of Various File Systems and their Comparative Performances on Linux

**Submitted for Review**

📅 July 2021 - Ongoing

**Keywords:** Linux, Benchmark, FileSystem, EXT4, Btrfs

This paper analyses the performances of various file systems, such as **XFS**, **EXT4**, **Btrfs**, **F2FS** and **NTFS** across storage media, for a pool of characteristics

**Tests Included:** FIO, SQLite, FS-Mark. OpenSSL and 7-Zip Compression

## Skills and Abilities

Technical Skills

- **Programming Languages:** Javascript, Python, Java
- **Databases:** MySQL, Neo4j, Firebase Firestore, MongoDB
- **Frontend Frameworks:** Electron, ReactJS
- **Backend Frameworks:** NodeJS
- **Under Development:** Android Development (Flutter)
- **Case Tools:** Git, SSH