

YASH KUMAR SINGH



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EDUCATION

B.TECH

Vellore Institute Of Technology, Vellore

04/2018 - Present

CGPA - 7.7

Courses

- Electronics and Communication

Scaler Edge Certification Program Scaler

09/2020 - 08/2021

Courses

- Did 300+ DSA questions on Scaler Platform.
- Learnt about **OS,DBMS, Computer Networking**.

PERSONAL PROJECTS

Soup Kitchen

- Built with **ReactJS** library of JavaScript.
- Used core concepts of react, functional components and react hooks and **Redux** functionality.
- Used local json-server for fetching data from fake Rest API.
- Hosted on **Firebase**.
- Preview** -

Music Classifier

- Proposed a **Machine Learning algorithm** that classifies songs based on their properties(402).
- Algorithm used - Linear Regression, k-nearest neighbors
- Used **Google's t-SNE** technique for 2-D visualization of song properties.
- Technology used - **Python** and its Libraries

TODO APP

- Multi-user AUTH enabled Todo list web app.
- Built in **Django framework**.
- Database used- **SQLite**.
- Technology used- **Python, HTML**.

POSITION OF RESPONSIBILITY

Core Committee Member Innovator's Quest Club

09/2019 - Present

India

Technical Club of VIT

Achievements/Tasks

- Led the Finance Team of the Club.
- Conducted many coding competitions in VIT under the club, attended by more than 100 students. This was conducted on coding platform.
- Got funding from startups for our Robotic event and Hackathons.

SKILLS

Problem Solving, Data Structures and Algorithms



CPP, SQL, HTML, CSS,



DBMS, Computer networking



Machine Learning, JavaScript



FRAMEWORK/LIBRARIES

Frontend- React JS

Backend - Django

ACHIEVEMENTS

CODECHEF -

Current Rating -1900+. **4 star**. Best rank : Lunchtime- 384/21000. May - Challenge- 114/15000.

CODEFORCES -

Max Rating -**1297**. Best rank: Codeforces round 728 div2 - 1708/26000

InterviewBit -

Code Ninja on InterviewBit platform. **Solved 400+ problems** on data structures and algorithms with Scaler combined.

Hackerrank -

5 star Rating

CERTIFICATES

SQL for Data Science Capstone Project
(08/2020 - 09/2020)

<https://www.coursera.org/account/accomplishments/certificate/VKKK8Y2VM7BG>

Hackerrank

Hackerrank Certification

Scaler Certification -

6 months Fellowship Program in Software Engineering

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency