

Vatsal Sinha

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EDUCATION

PES UNIVERSITY

B.TECH IN COMPUTER SCIENCE & ENGINEERING

2018-2022 | Bengaluru, KA

GPA: 7.78 / 10.0

(Distinction)

DELHI PUBLIC SCHOOL, RK PURAM

Grad. May 2018 | Delhi, India

CBSE, 85%

RADIANT INTERNATIONAL

Grad. May 2016 | Patna, India

CBSE, CGPA 9.8/10

SKILLS

Programming

• C++ • Data Structures & Algorithms • Python

Frameworks

• Django • React • HTML5/CSS3

Familiar:

• MySQL • REST APIs • OPEN APIs

COURSEWORK

Machine Learning Foundations

Data Structures & Algorithms

Artificial Intelligence

Django 2.2

Modern ReactJS and Redux

Computer Networks

Computer Network Security

Information Security

Operating Systems

LINKS

Github:// [vatsalsinha](#)

LinkedIn:// [vatsalsinha](#)

Leetcode:// [vatsalsinha](#)

RESEARCH

AI-based College Recommendation System

EXPERIENCE

AKAMAI TECHNOLOGIES | SOFTWARE DEVELOPMENT ENGINEER IN TEST

Jan 2022 - Present | Bengaluru, KA

- Worked on automating the features of **Enterprise Application Access** - a platform which provides **secure remote access** to applications.

KICKHEAD SOFTWARES PVT. LTD | SWE INTERN

July 2020 - Sept 2020 | Bengaluru, KA

- Worked as a **backend developer** on **Python/Django**, worked on **Stripe** payment gateway integration to make way for **international payments**.

PROJECTS

TWITTER CLONE | DJANGO, REACTJS, BOOTSTRAP

July 2020 - Sept 2020

A website clone of Twitter with features like **signup**, **login**, **retweet**, **comment**, **likes**, **unlike**, **follow** and **unfollow**

Link: [tweetme](#)

IMAGE CLASSIFICATION APPLICATION | DJANGO, REACTJS,

TENSORFLOW, KERAS

July 2020

A web application integrated with a **trained image classification model** which used for image classification.

Link: [PredictThis](#)

IMAGE SIZE COMPRESSOR | REACTJS

June 2020

A web application which can compress the size of the uploaded image.

Link: [Compressify](#)

STREAMER | REACTJS, RTMP PROTOCOL, GOOGLEAUTH API

June 2020

Streamer is a web application inspired by Twitch which can be used to stream videos from one's machine using **Real Time Messaging Protocol**. Users can use their google accounts to login.

Link: [Streamer](#)

FOODIE | DJANGO, REACTJS, YOUTUBE API

Jan 2020 - March 2020

Foodie is a food blog web application where users can express their thoughts about the kind of food they like, or the recipe of their favorite foods. There's also inclusion of **React video player** using the Youtube API which lets user watch recipe videos of their favorite dishes.

Link: [Foodie](#) | Team size: 4

ACHIEVEMENTS

Solved **700+** questions on **Leetcode**. Current **global rank**: 20799

Technical lead for college hackathon, Ingenius

Technical member at ACM, PES University