

Kaustubh Singh

Software Developer

A **Solution-oriented Computer Scientist**, passionate about **web development**, **machine learning**, **competitive coding** and educating the next generation of technology users and innovators.



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WORK EXPERIENCE

Junior Software Developer MIFT (OPC) PRIVATE LIMITED

03/2021 - 05/2021

Lucknow, U.P.

A recently established fashion institute

Achievements/Tasks

- Designing, developing and deploying website and analytics portal. This made a huge change in admission Counts, which **increased by 40%**, which further contributed to the institute's growing popularity and created a positive impact.
- Guiding and helping them about visitors preferences in their website with analytical data collected. This **saved their majority resources and revenue by 25%** 📄

Contact: Vishal Thakur - +91-9918869777

Technical Core Committee Member IEEE Computer Society VIT

12/2018 - 10/2020

Student Branch, VIT

A Professional Student Chapter under IEEE R10 Committee.

Achievements/Tasks

- Responsible for collaborating with the team to identify and fix technical problems.
- [Registration Portal](#) - Where we can take **assessments of Junior Members** and mark their progress.
- [Student Branch Website](#) - A global representation of our student branch.

Public Relations Officer IEEE Computer Society VIT

12/2020 - Present

Student Branch, VIT

A Professional Student Chapter under IEEE R10 Committee.

Achievements/Tasks

- Responsible for handling all aspects of planned publicity campaigns and PR activities.
- Representing the student chapter at events such as press launches, news conferences, exhibitions, open days and sponsorship.
- Developing good working relationships with the media and arranging for advertising or promotional films to be produced.

CERTIFICATES

Machine Learning in Python

IBM

- Overview of Machine Learning topics such as supervised vs unsupervised learning, model evaluation, and Machine Learning algorithms. Also learned about Prediction, Recommender Systems, Regression Models and Performance Evaluation 📄

Web Development Training

Aptitech Education Private Limited.

- A 3-months training from Aptitech Education Private Limited. Learned about Developing API's, Web Designing, Web Scraping, Database Management. Also got a glimpse of working in an Agile Environment. 📄

Server-side Development with NodeJS, Express and MongoDB

The Hong Kong University of Science and Technology

- Demonstrate an understanding of server-side concepts, CRUD and REST, Build a RESTful API for the front-end to access backend services, Build and configure a backend server using NodeJS framework 📄

SKILLS



PROJECTS

COVID-19 Help Center [NodeJS, ExpressJS, SMTP JS, MongoDB, Chart JS]

- Namaste - A COVID-19 portal that provides **information about the growth of Corona Virus Disease**. 📄
- An API for Google Maps to **locate nearest hospitals with free beds for a particular disease**. 📄

Best Fit [Business Plan Development]

- Best Fit is a product that will encourage youngsters to engage themselves in **fitness activities**, spend time with their families and restrict and **limit themselves from playing online games** and using mobile phones. It will also act as **proctoring app through which parents can track** the activities of their ward. 📄

Predicting Breast Cancer based on a mammogram data [Decision Trees]

- Predicting if a **mass detected by a mammogram is cancerous or benign** by the Decision Tree model. Steps including gathering data, handling missing data, deciding model to use and splitting data 📄

Web Replica [Puppeteer, NodeJS, Server-Side Rendering, Parsing, Cloning]

- It creates a browser instance and opens the browser in **headless mode**, loads URL into the browser, **parses the content** in the browser and saves the parsed **content in Local Storage**. Library Used: **website-scraper** 📄

Hidden Eye [NodeJS, ExpressJS]

- Using it you will get personal info such as **ip, location, ram, os, device, battery percentage** and more using this api. Also, you can use it in your application get information about user, for **proper validation** purpose, **form auto-fill**, etc. 📄

EDUCATION

Computer Science and Engineering Vellore Institute of Technology

07/2018 - Present

8.50 CGPA

ACHIEVEMENTS

Bangalore Section Finalist in NASA Space App Challenge

Made a **API for Google Map** to track and trace necessary **resources** 📄

Achiever's Award Vellore Institute of Technology

On the basis of the **exemplary performance at various National events** and in recognition of the **academic performance**

Recognition from UPRAISED

A national test conducted by Upraised to judge engineering students based on **3 elimination rounds** consisting of different parameters

Math-a-thon Finalist

A competition inside VIT university in which one has to develop an application taking help of calculus (where mathematical functions are involved)