

# Kumar Shrey

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## Education

### Birla Institute of Technology Mesra, Ranchi

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

CGPA: 8.49

July 2018 - June 2022

### Sunbeam English School Bhagwanpur, Varanasi

CENTRAL BOARD OF SECONDARY EDUCATION (CBSE) – CLASS 12TH

Percentage: 95.4%

2017

## Work Experience

### Microsoft

SOFTWARE ENGINEER INTERN

Bangalore, India

May 2021 - July 2021

- Team: OPG Extensibility
- Automated the entire functionality of execution of API test add-in for Mac Outlook Extensibility using UI Vision.
- Integrated the test scripts to Azure DevOps and onboarded them to the build pipelines so that they can run periodically and record successes and failures and send email to the team with details of the test result.
- Overcame the limitations of free version of UI Vision XModules which ensured our team no longer needed to get premium version of UI Vision.
- Exposure: UI Vision, Azure Pipeline, Shell scripting, MochaJS Framework

## Technical Proficiency

### Skills

C,C++,Python,JavaScript,React (Beginner Level),Flask Framework,SQL,HTML,CSS,Machine Learning (Beginner Level), Deep Learning (Beginner Level),Web Scraping,Data Structures And Algorithms

## Projects

### Disease Predictor Website

Mar 2020 - May 2020

USED MACHINE LEARNING MODELS TO ACCURATELY PREDICT WHETHER A PERSON IS HAVING CERTAIN DISEASE OR NOT

- Implemented the machine learning models using the sklearn library. Used HTML and CSS for frontend and Flask for the backend of the website
- Link to my Heart Disease Prediction website: [heart-diseasepredictor.herokuapp.com](https://heart-diseasepredictor.herokuapp.com/)
- Link to my Diabetes Prediction website: [diabetes-prediction-by-shrey.herokuapp.com](https://diabetes-prediction-by-shrey.herokuapp.com)

### Social Media Website

Jan 2021 - Mar 2021

DESIGNED A SOCIAL MEDIA WEBSITE USING REACT, EXPRESS, NODE JS, MONGO DB AND CSS.

- Users can create their portfolio, create posts and like/comment on posts created by others. We can also give a mock quiz to brush up our skills.
- The Covid Relief section of the website provides real time tweets related to COVID-19 relief, medicines, oxygen cylinders etc. to help the needy.
- Link to the social media website: [shreybook.herokuapp.com/](https://shreybook.herokuapp.com/)
- Link to the website's Github repository: [github.com/shreyrai99/social-media-website](https://github.com/shreyrai99/social-media-website)

### Corona Scraper

Jun 2020 - Jul 2020

DESIGNED A WEB SCRAPING WEBSITE WHICH GIVES US THE LATEST INFORMATION ABOUT CORONA CASES

- The website fetches latest information about the Corona Cases in different countries by using web scraping and Flask framework.
- It also visualizes the data and sends an email to the user informing him about the Corona cases in a personalized manner.
- Link to my Corona Scraper website: [shrey-covid.herokuapp.com/](https://shrey-covid.herokuapp.com/)
- Link to the website's Github Repository: [github.com/shreyrai99/Corona-Scraper](https://github.com/shreyrai99/Corona-Scraper)

## Achievements and Awards

2020	<b>Smart India Hackathon 2020 Finalist</b> , My team was amongst the top 4 teams to reach the finals of India's most renowned hackathon which is organised by the Government of India. We made a Garbage detection model using deep learning algorithms to help the NGOs achieve the Clean India Mission.	Mumbai, India
2019	<b>Hack-A-Bit 2019</b> , My team was selected in our college's most prestigious technical event. We got selected in the top 40 teams out of over 3000 applications for the hackathon.	BIT Mesra
2021	<b>4 Star Rated at Codechef And Specialist at Codeforces</b> , Current Rating at Codechef 1900. Solved Over 1100 Data Structures and Algorithmic problems at various Coding websites.	Online
2019	<b>6 Star Rated in Problem Solving at Hackerrank</b> , Qualified Hackerrank's Problem Solving Skill certification test. Got a global rank of 307 in Hackerrank's Hack-the-interview Asia Pacific Coding challenge.	Hackerrank
2020	<b>Rank 220 among 8,000+ participants</b> , March Cook Off Challenge at Codechef	Codechef
2020	<b>Rank 275 among 17,000+ participants</b> , January Circuits Challenge at Hackerearth	Hackerearth
2020	<b>Rank 500 among 17,000+ contestants</b> , February Long Challenge at Codechef	Codechef
2020	<b>Google Kick Start 2020</b> , Secured a global rank of 2200 out of 15,000 participants in Kick Start Round F.	Google