# Vivek Kumar Singh
## Competitive Programmer / Developer

2022 undergraduate student from Birla Institute of Technology, Mesra having proficiency in Data Structures and Algorithms and a keen interest to learn and work on impactful projects.

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## SKILLS

- C++
- Data Structures
- Algorithms
- Node.js
- RESTful APIs
- OPPS
- JavaScript
- React.js
- TypeScript
- MySQL
- MongoDB
- Python
- Next.js
- Tailwind CSS

## ACHIEVEMENTS

- GeeksForGeeks :- Coding Score ( 1750+ ), Institute Rank 2 , Global Rank 395.

- Codechef :- 5 Star programmer.

- Among top 100 programmer in Amazon's CodeNinja Contest.

- All india rank 1 in Codechef JSSATEN Chapter .

- Passed the problem solving skill Certification Test of HackerRank

## EDUCATION

### Civil Engineering
### Birla Institute of Technology , Mesra , Ranchi.

*07/2018 - Present*                                            *CGPA:- 8.14*

Courses
- C Programming Language
- Design And Analysis Of Algorithm
- Machine Learning
- Python & Matlab

## PERSONAL PROJECTS

### Yelpcamp ( App Url : https://infinite-fjord-98838.herokuapp.com/home )
- YelpCamp is a **full-stack RESTful** web application for Campground , where users can create their own campgrounds , view and comment on others' campgrounds. **Stack : Node.js , Express.js , MongoDB.**

### Sentiment Analysis using Naive Bayes
- A **Naive Bayes** model that analyses the tweet sentiment: Positive or Negative The tweets are pre-processed before the actual task. Pre- processing includes removing all unnecessary words. The word probability is used to calculate the tweet sentiment.

### Predicting Clothing Outfit using an image
- A **Convolutional Neural Network** model created using Keras, NumPy, Pandas, sklearn, trained on **60,000** images giving an accuracy of **92.95%** and tested on **10,000** images giving an accuracy of **90.006%.**

## WORK EXPERIENCE

### Technology Intern - Automation
### Microland Limited

*01/2022 - Present*

Achievements/Tasks
- Working as a Frontend Developer to build Zeus Cloud Defender and Themis UI .
- Design and develop software tools and frameworks to improve the performance, throughput, and reporting of our automated testing
- Stack : ReactJS , NextJS , TypeScript , Redux , TailwindCss , Next Auth and Framer Motion.

### Data Analyst Intern
### Axis Bank

*05/2021 - 07/2021*

Achievements/Tasks
- I worked under **Business Intelligence Unit** to provide analytical services to various functions of the Bank.
- Contributed to Develop the dynamic data exception framework for identifying data anomalies related to ABR master and various new data sets.
- Implemented scalable and robust web scraping app to extract all the potential company to invest on.

### SDE Intern
### Widhya

*01/2021 - 02/2021*

Achievements/Tasks
- We work together to Improve a real-time customer review system that takes a review from the customers and show all existing reviews too.
- Collaborated with other developers to identify and alleviate number of bugs and errors in software.