RAHUL KUMAR PATRO

Kharagpur, West Bengal | +91-7667232335

rahulkpatro@gmail.com | Github | Portfolio Website | Linkedin | Leetcode | CodeChef | GeeksForGeeks

EDUCATION

IMSC Mathematics And Computing, CGPA - 8.64/10　　　　　　　　Ranchi, India
Birla Institute of Technology, Mesra, Ranchi　　　　　　　　　　　*July 2018 - Ongoing*

Class 12th in PCM(Comp.Sc) from CBSE, Percentage: 88.2/100　　Bhubaneswar, India
Kendriya Vidyalaya No-2, CRPF Campus　　　　　　　　　　　　　*April 2018*

Class 10th from CBSE, CGPA: 10/10　　　　　　　　　　　　　Kharagpur, India
Kendriya Vidyalaya, IIT Campus　　　　　　　　　　　　　　　　*April 2016*

SKILLS

- **Languages:**　　C++, Javascript
- **Web Languages:** Express JS, Node JS, Mongo DB
- **Data Science:**　Deep Learning, Natural Language Processing
- **Platforms:**　　Heroku, Vercel
- **Soft Skills:**　　Team Work, Critical Thinking, Positive Attitude

WORK EXPERIENCE

Celebal Technologies　　　　　　　　　　　　　　　　　　　Remote
Associate Software Engineer　　　　　　　　　　　　　*June 2020 - August 2020*

- Worked on **finding keyphrases** from the HR reviews(statements) which were **contributing to the sentiment**.
- Applied **Part Of Speech(POS) Tagging** by observing the verb patterns in the statements.
- With my addition to the team, the **efficiency** of the project **increased** by **80 percent**.
- Later our team trained a **model for keyphrase extraction** from the **statements** for future use.

PROJECTS

- **Let's Collab**　　(Work Link)　(Website)
  - This is a realtime chatting application. Here users can create, join and leave rooms.
  - This application allows multiple users to chat together.
  - More than 50 users are using this application till now.
  - *Tech used :Express JS, Node JS, React JS, Mongo DB*

- **Bloggers Arena**　　(Work Link)　(Website)
  - This is a blogging website with user authentication.
  - Here users can create, read, update and delete blogs.
  - *Tech used :Express JS, Node JS, React JS, Mongo DB*

PUBLICATIONS

- **An Overlapping Sliding Window and Combined Features based Emotion Recognition System for EEG Signals**
  Applied Computing and Informatics Journal, ISSN:2634-1964, Emerald Publishing, August 2021　(View Paper)
  Shruti Garg, Rahul Kumar Patro, Soumyajit Behera, Neha Prerna Tigga and Ranjita Pandey　(Work Link)
  - This paper proposes an alternative efficient 3D emotion recognition model for variable length Electroencephalogram(EEG) data.

ACCOMPLISHMENTS

- **Solved 800+ problems solved across various platforms**
- **One of the top 20 participants in Codebreak 1.0 hackathon**
- **Were among the top 100 participants in InOut 7.0 hackathon**
- **Worked with the web team of BITOTSAV'20 and VAJRA'19 cultural fests of our college**