

# RAHUL KUMAR PATRO

Software Developer · Kharagpur, West Bengal · rahulkpatro@gmail.com · +91-7667232335

## WORK EXPERIENCE

05/22 - 08/22 **Software Development Engineer Intern (Backend)** [FastJobs.io](#)

- Developed the backend features for the Outcomes Tool, an internal lead management tool
- Implemented a tree-based solution based on the requirements and added the features from scratch
- Reduced the manual efforts of managing leads for the whole team by 90 percent by developing this tool
- Optimized the overall code, increasing the overall application's performance

06/20 - 08/20 **Associate Software Engineer Intern** [Celebal Technologies](#)

- Worked on finding keyphrases from the HR reviews(statements) which were contributing to the sentiment
- Applied part of speech tagging by observing the verb patterns in the statements
- With my addition to the team, the efficiency of the project increased by 80 percent

## EDUCATION

2018 - 2023 **IMSC Mathematics and Computing (CGPA - 8.71/10)** [Birla Institute Of Technology, Mesra, Ranchi](#)

2017 - 2018 **Class 12th in PCM(Comp Sc.) (Percentage- 88.2/100)** [Kendriya Vidyalaya-2, Bhubaneswar](#)

2015 - 2016 **Class 10th (CGPA - 10/10)** [Kendriya Vidyalaya IIT Kharagpur](#)

## SKILLS

- **Programming Languages:-** C++, Javascript
- **Frameworks:-** Node JS, Express JS, React JS, Git, HTML, CSS
- **Databases:-** Mongo DB
- **Platforms:-** Vercel, Heroku

## PROJECTS

**NFT BASED E-COMMERCE WEBSITE | NODEJS , EXPRESSJS , REACTJS , MONGODB |** [Work Link](#) [Website](#)

- This application replaces the physical warranty with a blockchain-based warranty using NFT
- This application allows brands and retailers to introduce an NFT for each of their products, which allows customers to receive the physical product along with a digital version of it

**LETS COLLAB | NODEJS , EXPRESSJS , REACTJS , MONGODB |** [Work Link](#) [Website](#)

- This is a realtime chatting web application. Here users can create, join and leave chat rooms
- This application allows multiple users to chat together. More than 70 users are using this application

## 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](#) [Work Link](#)

- **Team Members:-** Shruti Garg, Rahul Kumar Patro, Soumyajit Behera, Neha Prerna Tigga and Ranjita Pandey
- This paper proposes an alternative efficient 3D emotion recognition model for variable length Electroencephalogram(EEG) data

## ACCOMPLISHMENTS

- One of the top 20 participants in Codebreak 1.0 hackathon
- Were among the top 50 participants in InOut 7.0 hackathon