

# Siba Prasad Das

## BTech || NIT Rourkela

Final Year, Chemical Engineering  
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## Education

2021-25  
BTech CHEMICAL ENGINEERING  
NIT Rourkela  
CGPA : 6.91/10

2020-2021  
INTERMEDIATE  
Deepika English Medium School,  
Rourkela  
Percentage: 92.22%

2018-2019  
HIGH SCHOOL  
Dav Public School, Jharsuguda  
Percentage: 95.40%

## Links

Github:// [SibaPrasadDas](#)  
LinkedIn:// [SibaPrasadDas](#)

## Skills

### PROGRAMMING LANGUAGES

C++, Python, SQL, HTML, CSS, JS

### LIBRARIES & FRAMEWORK

Tensorflow, Spacy, Pandas,  
NumPy, Matplotlib, Seaborn  
Scikit-Learn, Streamlit

### SOFT SKILLS

Team Work, Leadership  
Time Management

### LANGUAGES

English, Hindi, Odia

### OTHERS

Git, Github, Streamlit Cloud,  
Ms Excel, Ms PowerPoint

## Coursework

Structured Query Language  
Object Oriented Programming  
Natural Language Processing  
Deep Learning  
Machine Learning  
Statistics

## Work Experience

JULY 2024 **Deep Learning Research Intern** **NIT RKL**  
Preprocessed EEG signals with a novel denoising pipeline, achieving an average SNR of 37.8 dB. Engineered a novel feature extraction pipeline that improved model accuracy and reduced processing time.

## Projects

AUG 2024 **Product Review Sentiment Analysis** **Github Link**  
• Developed a sentiment analysis model utilizing an Amazon product review dataset, achieving 97.35% accuracy on training data and 97.01% accuracy on test data, with a 96.40% mean cross-validation score.

**Technologies Used: Machine Learning, NLP**

JULY 2024 **Credit Risk Assessment** **Github Link**  
• Developed machine learning model to predict the likelihood of credit default and mitigate potential losses by making informed lending decisions, setting appropriate interest rates, and implementing effective risk management strategies.

**Technologies Used: Deep Learning, Machine Learning**

AUG 2023 **AI Powered Diagnostics** **Github Link**  
• Led a team of four members in an offline hackathon and secured 2 nd position among 1000+ participants.  
  
• Implemented more than 50% of the project by designing user interface of prototype to improve user experience & by building models to diagnose critical disease & also integrated ml models with frontend of prototype.

**Technologies Used: Deep Learning, Machine Learning, HTML, Tailwind CSS**

## Achievements/Certifications

JULY 2024 **NIT Rourkela Research Internship** **Link**  
JAN 2024 **Top 10 in Kimo.ai** **Link**  
AUG 2023 **MLH Status Code 0 Hackathon Runners Up** **Link**  
JULY 2023 **Natural Language Processing** **Link**  
MAY 2023 **HackerRank SQL (INTERMEDIATE)** **Link**

## Extra Curricular Activities

2022-2023 **HACKODISHA 2.0** **Organizer**  
Organized an MLH-certified hackathon with 3000+ registrations, collaborating with 60+ Indian college communities and 5+ international student organizations.  
  
2022-2023 **NATIONAL SERVICE SCHEME** **Volunteer**  
• Collected and distributed clothes to underprivileged communities.  
• Actively participated in cleanliness drives on campus and surrounding areas.