

Rajeev Kumar

B.Tech. | NIT Rourkela

Final Year, Mechanical Engineering

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Education

2020 - 2024

BTECH, MECHANICAL ENGINEERING

NIT, Rourkela

CGPA: 7.8

JUNE 2020

INTERMEDIATE

Bansraj Yadav Smarak IC, Gorakhpur

Percentage : 71.6 %

MAY 2017

MATRICULATION

Little Flower School, Gorakhpur

Percentage : 85.83 %

Links

LinkedIn:// Rajeev Kumar

Github:// Rajeev Kumar

Skills

GENERAL PROGRAMMING

C++,Python,MATLAB

OPERATING SYSTEMS

Windows, Linux

SOFTWARES

Solidworks,Ansys,Tableau,

Power BI, Ms-Excel, MySQL

LANGUAGES

English, Hindi, Bengali

Relevant Courses

Engineering Thermodynamics

Heat Transfer

Data Analytics

Metal Machining and Automation

Robotics Process Automation

Work Experience/Projects

MAY'23	Heat Exchanger System	Internship
	<ul style="list-style-type: none">Designed, modeled, and fabricated a heat exchanger in a team of 4 under professor's supervision. Utilized SolidWorks, prioritized thermal efficiency, stainless steel construction for compatibility, and optimized for diverse operating conditions.	
MAY'23	Forest Fire Detection	Project
	<ul style="list-style-type: none">This project is an attempt to use convolutional neural networks (CNN) to detect the presence or the start of a forest fire in an image.The model could be applied in real-time to low-framerate surveillance video (with fires not moving very fast, this assumption is somewhat sound) and give alert in case of fire.Tools used were Jupyter Notebook and Python.	
JAN'23	Stock Price Prediction using ML	Project
	<ul style="list-style-type: none">Developed a Deep learning model using LSTM neural networks to accurately predict the stock price for a major automobile manufacturer.	

Achievements/Certifications

OCT'22	OHM Challenge	Campus Winner
	Campus winner in Bajaj OHM challenge in which more than 1000 students participated.	
JUNE'19	Prayag Sangeet Samiti	Course
	Passed the Junior Diploma Examination from Prayag Sangeet Samiti by obtaining 101/150.	
APRIL'19	Brilliantzone Academy Award	Winner
	Acquired 7 state rank and got 68 Olympiad Rank in Brilliant International Olympiad of Mathematics.	

Extra Curricular Activities

OCT'22	Core Team, Event Management Team	Vriddhi
	<ul style="list-style-type: none">Successfully organised and managed 21+ Sports events , workshops, and guest lectures for the annual Sports festival of NIT Rourkela by coordinating with different clubs.Led a team of more than 50 volunteers and coordinators.	
JAN'23	Institute Weightlifting Competition	Winner
	I was awarded gold medal in Bench-press in (75-85kg) weight category in Intra-Hall weight lifting competition	