

RISHI RAJ

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Jamshedpur, Jharkhand

SUMMARY

Detail-oriented final year student pursuing B.TECH degree with expertise in data analytics, problem solving skills, programming languages like Python, C++, and data visualization. Eager to apply expertise in a real world environment and committed to collaborate to data-driven decision making processes and eager to develop further in data analytics

EDUCATION

Bachelor Of Technology– Mechanical Engineering

Birla Institute of Technology, Mesra

12/2021 - Present

Ranchi, Jharkhand

CGPA

8.52 / 10.0

SKILLS

C/C++	JAVA	Python	JavaScript	MySQL	PostgreSQL
R-Programming Language		DSA	ML	TensorFlow	Power BI
MS-Excel	Communication	Problem Solving	Analytical Thinking		

PROJECTS

Loan Eligibility Status Prediction

Skills: Problem Solving, Analytical Skills, Data Visualization, Data Modelling.

Technical Exp: MS-Excel, SQL, Machine Learning, Python Libraries, Power BI, GUI.

- Datasets are imported and collected with the help of pandas.
- Data plots are created for data visualization.
- Created dummy variables as machine only understand 0 and 1 values.
- Analysed columns and data, desired outcome is predicted with data modelling.
- Model sets are exported for creating GUI App for Applicants Loan Approvals.

Oscar Awards Analysis

Skills: Problem Solving, Analytical Skills, Data Visualization

Technical Exp: MS-Excel, SQL, Python Matplotlib, MS Power BI, PowerPoint.

- Datasets were downloaded from 'oscars.org'.
- Required data were collected with the help of SQL and exported to CSVs.
- CSV files are imported with the help of pandas.
- Data plots created for data visualization in Jupyter NB from given datasets.
- Export data plots to PowerPoint for presentation.
- Dashboard is also created in Power BI and then exported for presentation.

EXPERIENCE

Management Trainee

Tata Steel

04/2024 - 06/2024

Jamshedpur, Jharkhand

Internship mainly studying the problems of machine tools in New Bar Mill, Tata Steel.

- Worked under Sr. Area Manager on department recurring project.
- Project- *Increase in the Reliability of Braking Pinch Roll Assembly.*
- Study the failure and wearing of machine tools which led to delay in production.
- Collected monthly data of wearing and failures for problem measurement.
- Predicted the recommended solution for possibly control the delay in production.



CERTIFICATION AND LICENCES

C++ Data Structures & Algorithms + LEETCODE Ex.	PwC-Power BI
Udemy	Forage
Data Science: Supervised Machine Learning	Deloitte-Technology
Udemy	Forage

LANGUAGES

English	Proficient	<div><div></div><div></div><div></div><div></div><div></div></div>
Hindi	Native	<div><div></div><div></div><div></div><div></div><div></div></div>
Italian & French	Beginner	<div><div></div><div></div><div></div><div></div><div></div></div>

EXTRA-CURRICULAR ACTIVITIES

	Photography Highly passionate about this field, clicking pictures of landscapes of cities, buildings, forests, animals, and people. Initiated a club started with 4 people. The aim is to click pictures of every moment and beauty to upload them on sites.
	Swimming Member of JRD Swimming Club, having great experience in swimming, practicing breaststroke and freestyle swimming, and being very good at it.