

RAHUL KUMAR

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<https://github.com/rahulkumar243/>

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Education

Dayananda Sagar University, Bangalore, India 2019 - 2023

- Computer Science Engineering | CGPA: 7.72

Loyola Convent School, Ranchi, India 2018 - 2019

- CBSE (Class XII), Aggregate: 81.4

Loyola Convent School, Ranchi, India 2016 - 2017

- CBSE (Class X), CGPA: 10

Skills

C | Python | Data Analytics | Data Visualization | Machine Learning | Tableau | Power Bi | Ms Excel | JavaScript | NodeJS | React | HTML | CSS | WordPress | PostgreSQL | SQL | Github

Work Experience

360DigiTMG | Data Science Intern Jun'24 - Aug'24

- Analyzed data to identify key factors causing machine downtime, enabling a 10% reduction in unplanned downtime.
- Implemented data-driven solutions, contributing to potential cost savings of \$1M.

Suvidha Foundation | Machine Learning Intern Jan'23 - Feb'23

- Developed an Abstractive text summarization model for news data, improving summary accuracy and content delivery.

Projects

Optimization of Machine Downtime Aug'24

Analyzed machine data provided by NDA to reduce unplanned downtime by 10%, leading to \$1M in potential savings.

- Identified key factors/variables driving machine downtime.
- Applied data-driven solutions for significant cost savings.

Breast Cancer Classification May'23

Built a machine learning model to classify breast cancer as malignant or benign using mammogram images with high accuracy.

- Enhanced model reliability through feature selection and hyper-parameter tuning.
- Achieved high accuracy using Support Vector Machines and Random Forest.

Academic and Extracurricular Achievements

- Gold Medalist in 68kg category at Jharkhand State Strength-lifting Championship 2023.
- Winner of Asteriography event, Asteria Club, Dayananda Sagar University, 2020.
- Finalist in the Intra-Collegiate Debate Competition at Dayananda Sagar University, 2019.

Positions of Responsibility

School Cricket Team | Captain

- Led the team to several victories in the RDCA Cricket Tournament.
- Developed and executed game strategies, fostering teamwork and sportsmanship.

College Academic Project | Team Leader

- Coordinated with team members, assigning tasks and resolving challenges efficiently.
- Spearheaded multiple academic projects, ensuring timely completion with high-quality deliverable.