

# ROHIT KUMAR

+91-8651712231

✉ kumarrohit2551997@gmail.com

in linkedIn

Portfolio

Github

GeeksforGeeks

## Education

### Rajiv Gandhi Institute of Petroleum Technology

Bachelor of Technology in Computer Science Engineering

A N College, Boaring Road, Patna

Higher Secondary Education(BSEB 81%)

Amethi,UP, India

Dec 2020 - June 2024

Patna, Bihar, India

Jul 2018 - May 2019

## Experience

### Data Science Intern | EDUFABRICA PVT. LTD.

Jun 2023 - Sept 2023

- Conducted analysis of large datasets, focusing on data quality enhancement through implemented mean and median imputation methods to address missing values and employed outlier detection strategies to maintain dataset integrity.
- Utilized Python, Pandas, and OpenCV, along with machine learning models including Logistic Regression, SVM, and K-fold Validation for data manipulation and analysis, enhancing operational efficiency
- Collaborated in a team environment, gaining proficiency in Git and GitHub for version control and collaborative development.

• **Technologies Used:** Anaconda, Jupyter Notebook, Git and Github

## Projects

### Portfolio | Github | Live

Jan 2024 - Feb 2024

- Created an interactive 3D animation website using Three.js, showcasing my personal projects.
- Implemented adaptive scaling and positioning techniques for seamless user experience across devices.
- Introduced touch rotation for 3D elements on smaller devices and integrated EmailJS for contact functionality
- **Technologies Used:** Html, TailwindCSS, Js, React, Node.js, three.js, Vite

### Algorithm Visualizer | Github | Live

Jan 2023 - Mar 2023

- React-based visualization platform for searching, sorting, and scheduling algorithms with a Node.js backend for user feedback via Nodemailer.
- Utilizes tsParticles for customizable JavaScript particle effects in the background, enhancing UI aesthetics.
- Incorporates a feedback system for user interaction and experience improvement.
- **Technologies Used:** Html, Css, Js, React, Node.js, Firebase

### Face Detection | Github |

Sep 2022 - Dec 2022

- Built a machine learning system for identifying sports personalities. Utilized the FLKUnTon framework for efficient image collection and preprocessing of raw data
- Implemented Logistic Regression and SVM models in Python with OpenCV, achieving high accuracy
- **Technologies Used:** Python, Numpy, Pandas, OpenCV, Jupyter Notebook, git and github

### TaskMaster Pro | Github | Live

Dec 2022 - Jan 2023

- Built a robust task management system using Angular and Flask, with CRUD operations, advanced filtering, sorting, and dynamic UI components using Angular Material for enhanced task management and user experience.
- Established backend APIs for efficient data management, facilitating task duplication, notes management, and status toggling, resulting in a 30% reduction in task creation time.
- Employed PostgreSQL and SQLAlchemy for efficient data storage and management.
- **Technologies Used:** Angular, TypeScript, Python, Flask, PostgreSQL, Render

## Skills, Languages & Interests

**Languages:** C, C++, Python, HTML, CSS, JavaScript, MongoDB, SQL

**Technologies/Frameworks:** React.js, Node.js, Express.js, TailwindCSS, Firebase, Git, Github, VS Code.

**Areas Of Interest:** AI and Machine Learning , Deep Learning, Data Structures and Algorithms, Designing.

## Achievements

**Max Rating:** 1472 on [Codechef](#) & 975 on [Codeforces](#) and 4\* on [HackerRank](#)

**Google Kickstart 2022 in H** :Secured Global Rank 2532 out of 10000+ participants

**JEE Advanced 2020** :Qualified JEE ADVANCED 2020 with a rank in top 10 percentile

## Position Of Responsibility

- **Teaching Volunteer** at Gyanarpan RGIPT Amethi. An initiative by RGIPT to ensure free and quality education to the less fortunate.
- **Senior Head of Promotions** at RGIPT-ACM Student Chapter, leading a team of 10+ students in organizing events and webinars. Successfully managed the promotion of COSMOSX , the first grand event, attracting more than 500 students from different colleges