ROHIT KUMAR

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✉ kumarrohit2551997@gmail.com in linkedIn 🌐 Portfolio Github GeeksforGeeks

Education

Rajiv Gandhi Institute of Petroleum Technology,Amethi   **Dec 2020 - June 2024**
Bachelor of Technology in Computer Science Engineering
A N College, Boaring Road, Patna   **Jul 2018 - May 2019**
Higher Secondary Education(BSEB)

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 userfeedback 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