KRISHNA KUMAR

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Education

BBAU(A Central University), Lucknow U.P.   Sep 2020 – May 2024
Bachelor of Technology in Computer Engineering   CGPA: 8.8/10.0

Children Garden School, Kaimur Bhabua, Bihar   Apr 2019 – Mar 2020
XIIth, PCM CBSE Board   CGPA: 8.2/10.0

DAV Public School, Ratwar Kaimur Bhabua, Bihar   Apr 2017 – Mar 2018
Xth, CBSE Board   CGPA: 8.7/10.0

Technical Skills

Languages: C, C++, Java, Python, HTML/CSS, JavaScript, SQL
Libraries: NumPy, Pandas, Matplotlib, Scikit-Learn, Seaborn, OpenCV
Frameworks: Flask, FastApi, Keras, TensorFlow, Spacy, NLTK
Other Skills: Data Science, Machine Learning, Deep Learning, NLP, Computer Vision, AI, Data Analytics (Power BI)

Experience

RDSO, Indian Railways   Jun 2023 – Aug 2023
Machine Learning Trainee
- Designed and developed an end-to-end project objected on Traffic and Road Sign Recognition with 95% accuracy, leveraging advanced deep learning algorithms.
- Led the implementation of a sophisticated system aimed at significantly improving road safety and optimizing traffic management, resulting in a 20-25% reduction in congestion.

Innomatics Research Labs   Feb 2023 – May 2023
Data Science Intern
- Got shortlisted in Top 10% candidates and was involved in various aspects of data science project's lifecycle.
- Worked on more than 10 groundbreaking projects focused on Data Analysis & Visualization and played a pivotal role in leveraging data-driven insights to support strategic decision-making and enhance operational efficiency.

The Entrepreneurship Network   Nov 2021 – Jan 2022
Machine Learning Associate
- Directed a project on Facial Expression Recognition initiative utilizing cutting-edge machine learning techniques, achieving a remarkable accuracy rate of 93%.
- My experience in this role allowed me to refine my skills in developing scalable machine learning models, collaborating with interdisciplinary teams and driving data-driven strategies.

Projects

AI based Online Exam Proctoring System ⚙ | *Python, ML, AI, HTML/CSS, JS, SQL*   Nov 2023 – Present
- Developing and Implementing an Artificial Intelligence based Online Examination Proctoring System with Real-time monitoring to enhance the integrity of remote assessments.
- Used Dlib 68-points face landmark detection algorithm for face detection, behavior analysis, head pose detection and all to ensure fair evaluation and maintain academic standards.

ODI Cricket's Match Winning Probability using ML ⚙ | *Python, Data Analytics, ML*   Oct 2023
- Cleansed and preprocessed two different dataset to handle missing values, outliers, and inconsistencies, ensuring data integrity and uniformity across all records.
- Employed various Machine Learning Regression models such as Linear Regression, Random Forest Regression etc. to predict win probabilities for ODI cricket matches.

AtliQ Hospitallity Data Analysis using PowerBI ⚙ | *Power BI, Data Analytics*   Sep 2022
- Developed one interactive and visually appealing dashboards in Power BI, showcasing key performance metrics and insights for AtliQ Hospitality's operations, revenue, and customer satisfaction.
- Collaborated with stakeholders to define project requirements, ensuring alignment with business objectives and delivering actionable insights to drive strategic decision-making.

Achievements

- Successfully completed a 3-month intensive course certified by Samsung India, demonstrating mastery of essential skills and knowledge in Artificial Intelligence through rigorous training and assessments in Oct'23.
- Completed internship in Machine Learning and Artificial Intelligence from Pantech Solutions in Aug'23.
- Certification in Data Visualization with Microsoft Power BI from Great Learning in Jul'23.
- Certification in Cybersecurity from Cisco Networking Academy in Jul'23.
- Certification in Internet of Things from IIT Kanpur in Mar'22.
- Certification in Machine Learning from Simplilearn in Nov'21.
- Participated in University's coding competition, Code-Strife contest (CodeChef) in Oct'21.
- Certification in 30 days of Python from Code for Cause in Sep'21.