



ADARSH KUMAR

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Motivated aspiring software developer with strong programming skills in C++, Java and Python. I leverage technical proficiency in data analysis, problem-solving, and software development alongside teamwork, and quick learning skills. I am eager to apply my technical and interpersonal skills to contribute to innovative projects, deliver impactful solutions, enhance processes, and create value in dynamic environments.

Education

C.V. Raman Global University	2022 – 2026
Bachelor of Technology in Computer Science and Engineering	Bhubaneswar, India
GAYA COLLEGE	2019 – 2021
Higher secondary education	Gaya, India
PARAM GYAN NIKETAN	2017 – 2019
Senior secondary education	Gaya, India

Projects

Network Traffic Anomaly Detection for Enhanced Cybersecurity	November, 2024
<ul style="list-style-type: none">Applied machine learning algorithms like Support Vector Machine to detect network traffic anomalies.leaned and prepared network traffic data for model training.Evaluated model performance using accuracy, precision, and recall metrics.Deployed the model for real-time network traffic analysis and anomaly detection.Integrated machine learning-based anomaly detection with traditional intrusion detection systems for improved security.	
EPL Match Result Prediction (Python, pandas, ML)	August, 2024
<ul style="list-style-type: none">Extracted and cleaned historical EPL data (1990s–2010s), engineered features like team form, match location, and player statistics.Trained predictive models (e.g., Logistic Regression, Random Forest, Gradient Boosting) to forecast match outcomes.Developed key features, including home/away advantage, recent performance, and player injuries, to improve model accuracy.Assessed model performance using accuracy, F1 score, and cross-validation techniques for reliable predictions.Predicted match outcomes for the 2020s, delivering actionable insights through data visualizations and trend analysis.	

Skills

Languages: C++, Java, Python, HTML, CSS, JavaScript, SQL

Developer Tools: VS Code, Jupiter Notebook, MS Office

Technologies/Framework: Linux, Windows, GitHub

Concepts: Data Structures and Algorithm, Object-Oriented Programming, Machine learning

Certifications

- Google UI/UX Design
- Web Development

Relevant Coursework

- Data Structures and Algorithms
- Introduction to Computer Programming
- Computer Organization

Hobbies / Interests

- Travelling
- Watching Series