Ankit Dubey

Location: Raipur, Chhattisgarh
CodeChef | GitHub | CodeForces| Leetcode
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Education

Masters in Computer Application(CGPA : 8.80) Aug 2022 – 2025
National Institute of Technology, Raipur *Raipur, Chhattisgarh*

Bachelors in Computer Application (CGPA: 9.75) Aug 2019 –2022
Dr.B. C. Roy Engineering College *Durgapur, West Bengal*

Technical Skills

Languages : C++, Java, Kotlin, XML, HTML, CSS, JavaScript, Python
Web Dev : React, Node.js , Express
Databases : SQL, SQLite, Room, MongoDB
Core Subjects : RDBMS, Operating Sytem, Networking, OOPs, SDLC
Dev Tools : Visual Studio Code, Git, Github, Android Studio

Projects

Sweet-Home *React.js, Express, Nodejs, MongoDB* GitHub

- Developed a responsive web application enabling users to **book and list** homestays.
- Implemented **JWT authentication** for secure login functionality.
- Incorporated features such as **wishlist management and tracking of previous bookings**.

Sprint Analysis using openCV *Python , Tensorflow , Streamlit, Matplotlib, Numpy* GitHub

- Developed a real-time performance analysis application for sprinters using the **CNN Movenet lightning Model** for precise **pose estimation**.
- Conducted training on a **multivariate regression model** using data from 30 Olympians (sprinters) to predict optimal values for critical parameters such as stride length, arm angle, hip-knee angle, etc.
- Implemented a comprehensive feedback system by comparing actual parameter values to predicted ones, offering valuable insights for performance improvement.
- Leveraged **Streamlit** to create an intuitive and interactive application, enhancing accessibility and usability for coaches and athletes.

Amazon Review Analysis *Python, Beautiful Soup, Requests, Pandas, NLP, Scikit-learn* GitHub

- Scraped 10000 reviews from Amazon using **Beautiful Soup and Requests** for analysis.
- Preprocessed the scraped reviews to remove unnecessary information and prepared them for analysis used Techniques such as **Lammetization and Vectorizer.**
- Stored the cleaned reviews in a CSV file for further analysis and modeling.
- Applied **logistic regression** and **Naive Bayes multiclass** classification algorithms to predict ratings out of 5 based on review content.
- Evaluated the performance of each model using appropriate metrics to assess accuracy and effectiveness.

Achievements

- Achieved **Knight Rating 1864** badge on Leetcode and **Specialist, Rating 1406** on Codeforces
- Finalist at **National Science Exhibition Vigyaan** organized by NIT Raipur for Machine Learning Project
- Achieved Global Rank 1568 in LeetCode Weekly 368 out of 19035 participants
- Achieved Global Rank 1990 in LeetCode Weekly 367 out of 24037 participants
- Achieved Global Rank 193 in CodeChef Starters 98 Div 4
- Solved nearly **600** questions on LeetCode and about 200 on GFG, more than **1000 problems** acorss all platforms