

ANUSHKA GARG

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EDUCATION

Indian Institute of Information Technology Raichur, Karnataka <i>Bachelor of Technology in Computer Science & Engineering</i>	2021 – 2025 CGPA: 7.76
MPS International School, Jaipur, Rajasthan	2014 – 2021 XII CBSE: 90.2% X CBSE: 89.6%

TECHNICAL SKILLS

Languages: C/C++, HTML, SQL, Python, Node JS, Tailwind CSS

Frameworks: React JS

Libraries & Databases: MongoDB, MySQL, Scikit-learn, Keras

Coursework: DBMS, Operating Systems, Computer Networks, Object-Oriented Programming in Java, Machine Learning

Tools: Git, VS Code, Canva, Postman API

PROJECTS

1. WORDIFY- API Based Dictionary Application | *HTML, CSS, and Javascript*

- A lexical odyssey facilitated by an API-driven dictionary, enabling seamless word meaning searches complete with pronunciation, parts of speech classification, and illustrative examples similar to the comprehensive features of Google's dictionary.

2. Automated ML-Tool Classifier | *Python*

- Collected and preprocessed data from five diverse datasets, ensuring data quality and consistency.
- Developed a Python script leveraging Automated Machine Learning techniques, tackling classification challenges across precisely 5 diverse datasets, autonomously generating predictive models with an accuracy threshold of 90% or higher.

3. Real Estate Platform | *MongoDB, Express.js, React, Node.js, Tailwind CSS, Postman API*

- Designed and implemented a robust authentication system leveraging JWT, Firebase, and Google OAuth, enhancing security and user access by 40%.
- Led the development of full-scale CRUD operations, enabling efficient management of property listings via MongoDB.
- Engineered a suite of user-centric functionalities, including image uploads and comprehensive property management tools, significantly improving user experience.
- Developed and launched an advanced search function, optimizing the precision and speed of user queries, facilitating faster and more accurate property discoveries.

4. Comparative Analysis of Time Series Models for Weather Prediction | *Python, Keras*

- Evaluated and compared the performance of various time series models, including ARIMA, RNN, and LSTM, for predicting weather patterns using weather datasets to assess each model's accuracy, robustness, and computational efficiency.
- Identified the most effective approach for reliable weather forecasting and to provide insights into the strengths and limitations of traditional and deep learning techniques in time series analysis.

EXPERIENCE

- Contributed as a **Web Developer** to enhance and update the college website by improving design, optimizing functionality, and adding new features to boost user experience and online presence.
- Data Structures Teaching Assistant**, simplified complex concepts to ensure student comprehension. Utilized effective communication and interactive methods to enhance learning.

CO-CURRICULAR

- Active Member of **Training & Placement Cell** of IIIT Raichur.
- Campus Ambassador** of NIT Surathkal Cultural Fest, Incident-2024, involved in organizing and promoting various cultural events, engaging with students to encourage participation.
- Represented the college in Badminton and Table Tennis at the **Inter-IIIT Sports meet**, and secured 4th position.
- Coordinated **FINESSE**, Cultural Club of IIIT Raichur, organizing events attended by over 100 students.
- Crafted creative content for the **Public Relations Council** using Canva.