

Anurag Kumar

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SKILLS

- **Languages:** C++, Python, C, Java
- **Frameworks:** Scikit-learn, Keras, TensorFlow
- **Tools/Platforms:** Git, GitHub, Jupyter Notebook, Google Colab, Anaconda
- **Core Competencies:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP)
- **Soft Skills:** Problem-Solving, Team Player, Adaptability

PROJECTS

- **MedSure – Medical Prescription Classification System:** [GitHub](#) Oct 2025
 - Developed an intelligent platform to analyze and classify patients' medical prescriptions using unsupervised learning techniques to streamline medical data organization.
 - Designed and implemented data preprocessing pipelines to extract and cluster key medical information from prescriptions using machine learning algorithms.
 - Improved the efficiency of prescription management by allowing quicker sorting and access to medical data.
 - **Tech:** Python, Scikit-learn, Pandas, NumPy, Matplotlib
- **Sustainable Energy Suggestion System:** [GitHub](#) May 2025
 - Built an intelligent system that classifies and recommends the most suitable sustainable energy source (solar, wind, etc.) based on users' pin code and regional parameters.
 - Integrated multiple APIs to collect real-time geographical and environmental data, and implemented supervised machine learning models to predict the optimal energy source for each region.
 - Achieved accurate energy recommendations, supporting data-driven decision-making for users and promoting renewable energy adoption.
 - **Tech:** Python, Scikit-learn, Pandas, NumPy, APIs, Flask, Jupyter Notebook

TRAINING

- **Allsoft Solution – IBM Global Business Partner** [Certificate](#) June 2025 – July 2025
AI & ML Trainee
 - Selected for a six-week professional training program on Artificial Intelligence and Machine Learning, organized by Allsoft Solution in collaboration with IBM.
 - Engaged in hands-on sessions focusing on AI model development, supervised and unsupervised learning, and open-source frameworks under the mentorship of IBM Subject Matter Experts (SMEs).
 - **Tech stack used:** Python, Scikit-learn, TensorFlow, Pandas, NumPy, Jupyter Notebook, IBM Cloud

CERTIFICATES

- Master Generative AI & Generative AI tools - Udemy [Certificate](#) August 2025
- Computational Theory: Language Principle & Finite Automata Theory - Springboard [Certificate](#) August 2025
- Privacy and Security in Online Social Media - NPTEL [Certificate](#) May 2025
- Mastering in C: Basic to Beyond - CSEPathshala [Certificate](#) March 2024

ACHIEVEMENTS

- **Solved 100+ Problems on LeetCode:** Nov 2025
Built strong problem-solving skills by completing over 100 data-structures and algorithm challenges.
- **NPTEL Certification Elite Award:** May 2025
Placed among the elite performers nationwide out of 12,697 participants.

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.9 Since August 2023
- **Indian Public School** Madhubani, Bihar
Intermediate; Percentage: 80 April 2020 - March 2022
- **Indian Public School** Madhubani, Bihar
Matriculation; Percentage: 76 April 2018 - March 2020