Dinesh Kumar

+91-9255555453 | Email | LinkedIn | Github

EDUCATION

Course	College / University	Year
B.Tech (CSE-AIML)	Dronacharya Group of Institutions	2025
Board (Class XII)	Maharshi Dayanand Sr. Sec School	2020
Board (Class X)	Dujana Public School	2018

INTERNSHIP

- **Developer Intern |AICTE | Ministry of Education| New Delhi**　　　　　　**Jan-2024 - present**
  - Collaborated with AICTE experts, leveraging hands-on opportunities to enhance technical skills.
  - Gained practical experience in PHP by working on real data projects
  - Took on the role of coordinator for bootcamps, demonstrating organizational and leadership skills.
  - Develop and modify the SIH portal using PHP and javascript.

- **Data Analytics Intern| IBM Edunet | Remote**　　　　　　**June, 2023 - July, 2023**
  - Acquired practical skills in Python programming and the fundamentals of machine learning.
  - Proficient in various Python libraries for data analysis including Pandas, NumPy, Matplotlib, and Seaborn.
  - Benefited from mentorship by IBM experts throughout the internship

PROJECT

- **FITLIFE**
  - User Profiles and Goal Setting for personalization.
  - An expansive Exercise Library catering to all fitness levels.
  - Data Analytics to track progress and offer personalized recommendations.
  - Gamification with Leaderboards and Level Systems for motivation.
  - Video Tutorials and Form Analysis for perfecting technique.

- **Invisible Cloak**　　　　　　　　　　　　　　　　　　　　　　**LINK**
  - Developed a computer vision application using OpenCV in Python to achieve an "invisibility" effect in a video stream.
  - Utilized image processing techniques, specifically focusing on the Hue, Saturation, and Value (HSV) color space, to identify and replace pixels of a specific color (red) in real-time video frames.

POSITIONS OF RESPONSIBILITY

- **Moderator | AICTE/ PENTATHON 2024 Finance Committee**　　　　　　**February 2024**
  - Manage all the meetings with different IITs and other membersof committee.

- **Event Coordinator | Dronacharya Group of Institutions/ICOTET'22**　　　　　　**July 2022**
  - Managed 80+ teams under the session chairs
  - Work as chief student coordinator for all virtual publications.

ACADEMIC ACHIEVEMENTS

- Finalist at Kavach Hackathon organize by AICTE, Ministry of Education, Ministry of home Affairs.

- Got 3rd rank in a case study competition conducted by MFL Edu club.

- Selected For National Aeromodelling Competition organize by Boeing, IIT Kanpur.

- Winner at Dron Hackathon

- Selected for IDE Bootcamp held at Graphic Era University, Dehradun

Technical Skills & Tools

- **Languages:** C++, Java(Basic) , Python (Basic), Prolog

- **Technologies:** JavaScript , Express.js, Bootstrap, Node.js , Mongodb , OpenAi API , Git Github , AWS(beginner)

- **Concepts:** Compiler, Operating System, Computer Networks , DBMS ,API, Database Normalization, Agile Methodology

PUBLICATION

- Published a research Paper in Neuroquantlogy Journal.   **LINK**

Extra Curricular Activities

- Worked as a campus ambassador in IIT KANPUR, IIT HYDRABAD, IIT BHU, BITS PILANI.

- Member of the Inaguration Ceremony of Pentathon 2024 at NTRO Headquarters.