Akshat Gupta
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ACADEMIC DETAILS

Year	Degree/Exam	Institute	CGPA/Marks(%)
Sep, 2021 - Present	B.TECH in Computer Science	Graphic Era University,Dehradun	8.8/10.0
2020	12^{th}, $C.B.S.E$	Archisha International School	91.6 %
2018	10^{th}, $C.B.S.E$	Archisha International School	83.33 %

PROJECTS

- **Online book store**:
  - An interactive and responsive user interface for an online bookstore, ensuring a seamless browsing experience across different devices and screen sizes
  - Provied various functionalities of the online bookstore, such as user authentication, book management, shopping cart operations, and order processing.
  - Ensured efficient data storage and retrieval, maintaining data integrity and consistency throughout the application.
  - Technologies used -React,Spring boot,Restful API,HTML,CSS,Javascript
- **Clinical Note Summarization and Entity Recognition for Electronic Health Records**:
  - Extract relevant information from clinical notes, facilitating better decision-making by healthcare professionals.
  - Healthcare providers no need to read lengthy narratives and minimized errors associated with manual data entry, enhancing patient safety and regulatory compliance.
  - Technology used:Natural Language Processing (NLP),machine learning algorithms, including deep learning models such as recurrent neural networks (RNNs.Python libraries such as spaCy and TensorFlow for NLP preprocessing.
- **Drowsiness detection**:
  - It continuously analyzes facial features and eye movements to identify signs of drowsiness, such as eye closure and head nodding
  - alerts the driver and mitigating the risk of accidents caused by drowsy driving by making sound
  - Technology used:OpenCV (Open Source Computer Vision Library) were utilized to capture and process video streams from onboard cameras.Machine Learning Model:convolutional neural networks (CNNs),to recognize patterns associated with drowsiness.

TECHNICAL SKILLS

- **Languages**: C,C++,Java,Javascript,Python,SQL
- **Database**: SQL,Mongodb
- **Machine learning tool**:TensorFlow,NLTK,Keras,Matplotlib, OpenCV, Jupyter Notebook
- **Web Technologies**:HTML/CSS, Tailwind CSS, React.js,Node.js, Express.js

ACHIEVEMENTS

- Solved 400+leetcode questions on leetcode,geeksforgeek,Codeforces
- 1647 highest contest rating on leetcode

POSITION OF RESPONSIBILITY

- HOUSE CAPTAIN-SOCIALIST HOUSE
  - Organized & Managed all inter house and school competitions, both academic as well as cultural events.