Aman Gupta

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ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Oct, 2021 - Present	B.TECH Computer Science	Graphic Era University Dehradun	9.35/10.0
2018	12th, $C.B.S.E$	Yoginath VidyaPeeth	86.00 %
2016	10th, $C.B.S.E$	Gurukul International School	80.00 %

PROJECTS

- **Full Stack Food Delivery Web Application** (See Project) :
  (MongoDB, Express.js, React.js, Node.js, Redux)
  – Developed a full stack food delivery application using the MERN stack with a focus on user-friendly React components. Implemented features for user authentication, shopping cart functionality, and seamless integration with a MongoDB database.

- **Early Drowsiness Detection System**(See Project):
  (dlib, OpenCV(cv2), imutils)
  –Designed and implemented a sophisticated early drowsiness detection system for drivers, utilizing state-of-the-art computer vision and machine learning technologies. The system proactively identifies signs of driver fatigue, such as eye closure and erratic head movements, and issues real-time alerts to prevent potential road accidents.

- **Spam Detection**(See Project) :
  (NLP, SVM)
  –Developed and implemented a machine learning-based spam email detection system, leveraging natural language processing techniques and classification algorithms. Achieved high accuracy in identifying and filtering spam emails, contributing to enhanced email security and user experience.

- **Next Word Predictor** :
  (TensorFlow, Tokenizer, LSTM, pickle, Numpy)
  –Designed a next-word predictor enhancing user experience in applications like text editors, messaging, search engines, and virtual assistants, by providing accurate and contextually relevant word suggestions for efficient typing.

TECHNICAL SKILLS

- **Languages :** C, **C++**, Python, SQL

- **Tools and Frameworks :** ReactJS, Redux, NodeJS, ExpressJS, MongoDB, HTML, CSS, Git, GitHub, Microsoft Visual Studio Code.

ACHIEVEMENTS AND CERTIFICATIONS

- LeetCode Badges (Solved 300+ problems)

- Finalist of Smart India Hackathon

EXTRA-CURRICULAR ACTIVITIES

- Hindi Poet and Performer

- Confident public speaker with experience delivering poetry and presentations