ADITYA SHEKHAR SEMWAL

Email-id: semwaladitya15@gmail.com

Mobile No.: 7668165847

SUMMARY

Motivated B.Tech. CS student with a passion for coding and problem-solving. Hardworking and resourceful individual commended for first rate collaboration, organizational and time management abilities. Committed to developing career path and thrive in the opportunities.

ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
October 2021- Present	B.Tech. in Computer Science	Graphic Era Deemed University	8.74/10
2021	CBSE	Doon International School, Dehradun	92.6%
2019	ICSE	Mary Mata School, Chinyali Saur	92 %

TECHNICAL SKILLS

- **Languages-** C++, C, HTML, CSS, Java, Python, SQL.

- **Tools Frameworks-** Django, Visual Studio, MySQL, Jupyter Notebook, Oracle

PROJECTS

- **URL Shortener Using Django**- Developed and executed a URL shortener tool utilizing Django framework based on python during my B.Tech. CSE program. Effectively implemented and well-structured project with various features. The webpage takes a long URL and returns a short link that is user friendly. Project showcased my creativity in designing a webpage and my skills in using various features of Django framework.
- **Loan Prediction Using Machine Learning**- Designed and implemented a Loan Prediction System using Machine Learning during my B.Tech. CSE journey. Effectively engineered and fine-tuned models to accurately categorize various financial data. The program uses a dataset from a bank. The model is trained according to data analysis on the dataset. At last, trained dataset is used for predicting loans. This project underscored my capability to translate technical skills into practical solutions for real-world challenges.
- **Image Denoising Using Deep Learning-** Implemented a Image Denoising tool using powerful features of Deep Learning. The program uses a Deep CNN Autoencoder to create a neural network model. The program uses a dataset from Keras to train the model. The model is trained for 20 phases with 235 samples in each phase. After training the data set it is tested for various inputs. At last, the results were visualized creatively. The project was quite interesting as it involved the study of neural networks and image processing.

SCHOLASTIC ACHIEVEMENTS

- **Sports Competitions:** Actively participated in sports competitions and won many medals at District level competitions.
- **Academic Excellence:** Received a medal and certificate from District Magistrate in a program organized by Amar Ujala for academic excellence in high school.