

VISHAL SINGH ADHIKARI

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EXPERIENCE

Software Developer Engineer Intern

Lixotic Solutions

August 2023 - November 2023

Remote

- Developed and deployed an advanced sentiment analysis model using Python and machine learning algorithms, achieving a 95% accuracy rate in classifying and assessing sentiment across diverse textual datasets.
- Collected and preprocessed large datasets of text data, comprising over 50,000 records, ensuring high data quality for accurate analysis.

EDUCATION

Bachelor of Technology - Computer Science Engineering ,

Graphic Era Hill University , Dehradun

2020 - 2024

(CGPA:7.98)

SKILLS

Languages	C/C++, Python, HTML, CSS, Javascript, SQL
Frameworks/Library:	ReactJs, NodeJs, ExpressJs
DataBase	MySQL, MongoDB
Core Skills	Data Analysis, Data Structures and Algorithms, Object-Oriented Programming (OOP), Database Management System (DBMS)

PROJECTS

Student Result Analysis : ([Github](#))

- Performed in-depth analysis of a dataset containing over 10,000 student records using Python, uncovering significant trends and correlations in academic performance for data-driven decision-making.
- Implemented comprehensive data cleaning and visualization strategies using Python libraries, including Pandas and Matplotlib, resulting in a 25% improvement in data accuracy and facilitating enhanced statistical analysis of student results.

Weather App : ([Github](#))

- Built a responsive weather application using HTML, CSS, and JavaScript, integrating the OpenWeatherMap API to display real-time weather data for over 20,000 cities.
- Designed a user interface with CSS Flexbox and Grid, achieving a 95% mobile responsiveness score, ensuring seamless usage across devices including mobile, tablet, and desktop.

Data Exploration : ([Github](#))

- Evaluated a COVID-19 dataset with over 100,000 rows using SQL to identify trends in infection rates and recovery statistics, enabling data-driven insights into pandemic patterns.
- Streamlined data extraction processes through advanced SQL querying, achieving a 25% reduction in data processing time; enabled more efficient analysis and improved reporting accuracy for pandemic-related decision-making efforts.

CERTIFICATIONS

- Accenture North America Data Analytics and Visualization Job Simulation on Forage. ([Link](#))
- Cyber Security Essentials By CISCO Academy. ([Link](#))

EXTRA CURRICULAR

- Led the charge for team strategy during the national cricket tournament, resulting in a remarkable improvement in team morale and cohesion, culminating in a 30% increase in successful match outcomes.
- Published a research paper on a Sign Language Translator in the ISML 2024 proceedings, making a significant contribution to advancements in communication technology and enhancing accessibility for the hearing impaired.