Nikhil Pahuja
SOFTWARE DEVELOPER

+91 9821078067 | EMail | LinkedIN | GitHub | Portfolio

SUMMARY:
Enthusiastic computer science student Seeking an opportunity to contribute my skills, learn from experienced professionals, and make a positive impact in a collaborative work environment.

TECHNICAL SKILLS:
- **Programming languages** - JAVA , Python , JavaScript , SQL
- **Technologies and Tools** - HTML5 , CSS3 , Git , GitHub , Data Structures , OOPs

EXPERIENCE:
Developer Intern - HERE Technologies | June 2023 - July 2023
- Responsible for scraping website data for Points of Interest (POI).
- Utilizing Python and Scrapy framework to extract and collect website data, supporting the team in delivering improved offerings and increased value to clients.
- Contributing to the acquisition and processing of valuable POI data to enhance company services and products.

Researcher Intern - Technoshala Foundation | June 2021 - July 2021
- Conducted extensive research on teaching technologies by utilizing various research methods, such as literature reviews, youtube videos, and interviews.
- Successfully provided assistance in client and teachers acquisition by facilitating effective communication.
- Aided senior staff in the production of data reports.

PROJECTS:

[Link] **Real Time Facial Emotion Detector -** Backend Development
Tech Stack - Python , OpenCV , TensorFlow , CNNs
- Engineered a Real-Time Facial Emotion Detector using Python, OpenCV, TensorFlow, and CNNs.
- Enabled swift emotion recognition through real-time image processing, showcasing deep learning and Python proficiency.

[Link] **Inverted Index Synonym Expansion -** Backend Development
Tech Stack - Python , NLTK , Elasticsearch
- Developed a search engine that utilizes inverted index synonym expansion to maximize search results.
- Implemented synonym expansion using python & its libraries and built an inverted index to efficiently retrieve relevant search results.

[Link] **Maze Runner -** Front End Development
Tech Stack - HTML5 , CSS3 , JavaScript , Git
- Maze Runner is an interactive web application to visualize various path-finding algorithms in action.
- Utilized web technologies such as HTML, CSS, and JavaScript, as well as data structures algorithms like dijkstra algorithm, BFS(Breadth-first search) etc.

[Link] **Hotel Website -** Front End Development
Tech Stack - HTML5 , CSS3 , JavaScript , Git
- Engineered a responsive hotel website's front end using HTML5, CSS3, and JavaScript.
- Implemented version control with Git for streamlined collaboration, contributing to an engaging and user-friendly online presence.

EDUCATION:
UPES , Dehradun | Bachelor of engineering in computer science | 2020 - 2024 | CGPA - 7.90
Lions public school , Gurgaon | 12th grade | 2019 - 2020 | 80.4% (CBSE Boards)
Lions public school , Gurgaon | 10th grade | 2017 - 2018 | 73.6% (CBSE Boards)