



# Rohan Sharma

Enthusiastic and detail-oriented Intern with a strong passion for software development and a solid foundation in Python programming ,react, react-native.Skilled in building scalable and efficient applications, implementing clean and maintainable code, and collaborating within cross-functional teams.

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## WORK EXPERIENCE

### Software Developer TrioTree Technologies

07/2023 - Present

Noida

#### Achievements/Tasks

- Developed scalable applications using Python and React, React Native. Utilized frameworks such as Flask for API development.
- Developed predictive and analytical Machine Learning models for various business needs using techniques including NLP, Classification, Regression, and clustering.
- Proficient in Python libraries and frameworks including TensorFlow, PyTorch, scikit-learn, and spaCy.

### Python Developer Intern TradXlink

01/2023 - 07/2023

Noida

#### Achievements/Tasks

- Developed an AI recommendation model and a set of APIs to create a comprehensive recommendation system from scratch.
- Proficient in Python programming and experienced in data extraction, transformation, understanding of SQL querying, and database management.

### Software Developer Intern Absolute cyber solution

02/2022 - 04/2022

delhi

#### Achievements/Tasks

- Python Programming: Proficient in Python programming language with a focus on writing clean, readable, and efficient code.
- Proficient in leveraging the Django framework and Python to create scalable, efficient, and feature-rich solutions.

## EDUCATION

### MBA (SPEC IN DATA SCIENCE ) AMITY UNIVERSITY

08/2023 - Present

### BTECH-CSE (SPEC IN ARTIFICIAL INTELLIGENCE AND DATA SCIENCE) SRM UNIVERSITY

08/2019 - 06/2023

## SKILLS

Python

Machine Learning

React-Native

React

Data Science

API

DBMS

PowerBi

Django

SQL

Flask

Time management

## PROJECTS

### Recommendation engine | Machine learning ,Flask

- Building an recommendation from scratch . Collaborated with data scientists to implement collaborative filtering and content-based recommendation algorithm.
- Optimized the algorithms for scalability and performance by leveraging caching mechanisms and parallel processing techniques.Integrated the recommendation algorithms into the backend system, ensuring efficient data retrieval and processing.

### Text Generation Model | NLP, PyTorch|Python

- Built a text generation model using recurrent neural networks (RNNs) and long short-term memory (LSTM) networks.
- reason Trained the model on a large corpus of text data to generate coherent and contextually relevant sentences.
- Fine-tuned the model for specific use cases such as automated content creation and interactive storytelling.

### Vitals: The complete Health solution | Python

- In this , I am working with django and sqlite to make web application in which a user can login or register. Integration Machine learning and APIs in this project.
- : Implementing a robust user authentication and authorization system to ensure the security and privacy of patient and healthcare provider information.

## ACHIEVEMENT

Successfully implemented scalable and efficient machine learning models in various projects

Consistently delivered high-quality code and solutions, adhering to best practices in software development and AI/ML model implementation

## INTERESTS

coding

music

fitness

cricket