Tejas Sonawane

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AI/ML ENGINEER

Python Programming Language | Machine Learning | Natural Language Processing and MYSQL
As an AI/ML Engineer with 1.7 years of hands-on experience in artificial intelligence and machine learning, I specialize in Python programming, natural language processing, and machine learning algorithms. I have worked on impactful projects, including sentiment analysis using web scraping and recommender systems, demonstrating my ability to design and implement data-driven solutions. With experience in frameworks like Numpy, Pandas and tools like MySQL, I bring a strong technical foundation and a problem-solving mindset to deliver innovative solutions tailored to business needs.

PROFESSIONAL/TECHNICAL SKILLS

- Python Programming
- Machine Learning Algorithms
- Natural Language Processing (NLP)
- Web Scraping (BeautifulSoup)
- Deep Learning
- Recommender Systems Development
- MYSQL

WORK EXPERIENCE

Cipherbyte Technologies - Remote
Data Science Intern
Employment Dates: April 2024 – June 2024 (2 months)

- Conducted data wrangling and exploratory data analysis for business use cases, delivering actionable insights.
- Built machine-learning models, applying advanced Python techniques and ensuring accuracy.
- Gained hands-on experience with data visualization tools and machine learning libraries.

Edureka - Remote
Data Science and Machine Learning Intern
Employment Dates: June 2023 – December 2023

- Successfully completed hands-on projects in machine learning and data science, gaining expertise in predictive modeling and data visualization.
- Developed practical skills in using libraries such as Pandas, NumPy, and Scikit-learn to solve real-world business problems.

Persistent Systems - Pune, Maharashtra
Software Engineer (Full-time)
Employment Dates: February 2022 – March 2023

- Designed and implemented a sentiment analysis system for company reviews using web scraping and BeautifulSoup in Python.
- Collaborated with internal teams to build machine-learning models, reliability for data insights.
- Demonstrated expertise in Python, data manipulation libraries, and NLP techniques to develop actionable insights.

PROJECTS

Movie Recommender System

- **Technologies/Tools Used**: Collaborative Filtering, Python, Scikit-learn
- Created a movie recommender system using collaborative filtering techniques to suggest movies based on user ratings and preferences.

Sentiment Analysis of Persistent Systems' Reviews

- **Technologies/Tools Used**: Python, BeautifulSoup, NLP
- Conducted sentiment analysis on company reviews using web scraping and NLP techniques to gauge public opinion.

Chatbot Song Recommender System

- **Technologies/Tools Used**: Machine Learning Algorithms, NLTK
- Developed a song recommender system using NLP techniques to understand user preferences and suggest relevant songs.

TRAININGS/INTERNSHIPS

Data Science Internship - Cipherbyte Technologies
Date Received: April 2024 – June 2024

- Worked on data wrangling, exploratory data analysis, and machine learning model building, improving model accuracy and performance.

Data Science and Machine Learning Internship - Edureka
Date Received: June 2023 – December 2023

- Gained hands-on experience with machine learning algorithms and data manipulation tools like Pandas, NumPy, and Scikit-learn and visualization tools like Tableau.

EDUCATION

Sinhgad Academy Of Engineering - Pune, Maharashtra
Bachelor of Engineering in Computer Engineering
Dates: 2019 – 2022

Government Polytechnic, Murtizapur - Murtizapur, Maharashtra
Diploma in Engineering in Computer Engineering
Dates: 2016 – 2019

K. Narkhede Vidyalaya - Bhusawal, Maharashtra
SSC
Dates: 2015 – 2016

CERTIFICATION

Databricks Accredited Lakehouse Fundamentals, 28 November 2022

MLOps Fundamentals, 20 September 2022

Microsoft Certified Azure AZ-900 Fundamentals, 29 July 2022