HARSHAL MAHALE

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Profile Summary

Dedicated Software Engineer with 2 years of experience in developing and maintaining web applications seeking a challenging position to collaborate with a talented team on innovative projects that help me to attain greater of my career.

Work Experience

Software Engineer @ Persistent Systems Ltd.
Pune, India – January 2022 to Present

- Developed an **Account Operational Excellence System** based on day to day attendance so admin can able to track the employee attendance based on their working hours.
- Demonstrate proficiency in using **Python libraries** such as Pandas & Numpy and developing code using Jupyter Notebooks.
- Access and web scrape data using APIs and Python libraries like **Beautiful Soup**.
- Actively Engaged in **Python data science program** facilitated by Ethans Tech, focusing on advance techniques for data analytics, Machine learning and Deep learning.

Project Details

1 : Emotional Health Monitoring

- This project is use to track and monitor emotional states from text data to provide early intervations for mental health issues.
- Led backend development, integrated NLP models and facilated communication between frontend and backend.
- Utilized pre-trained Transformer models for NLP, used Tensorflow, pandas and numy for model building & Cleaning also developed the web application using Django.

2 : Indian Card Payment Analysis

- Analyzed trends in card-based payments in India from 2011 to 2019 and predicted future trends up to 2025 using machine learning.
- Conducted extensive data analysis on card payments, ATM's and POS system.
- Used Random Forest Regression for predictive modelling to forecast future trends in card payments.

Education

Bachelor of Engineering,Sinhgad College of Engineering Pune|Computer science|2018-2022| CGPA: 8.71/10

Senior Secondary (XII),Brahma Valley Junior Science college Nashik|HSC Board|Year of completion: 2018|Percentage – 71.08%

Achievements

- Got High Five – Team Award for working on the time report tool.
- 1st Runner-up in Persistent Annual Technothon for Gems Hi-tech BU.
- Winner of logo quiz competition at SCOE, Pune.

Key Skills and Abilities

Programming Languages:
Python,C++, HTML**,**CSS.

Frameworks: Django, Django Rest Framework.

Database: Microsoft Sql Server.

Libraries: Numpy, Pandas, Seaborn, Matplotlib, Tensorflow, Scikit-learn.

Deep Learning Techniques:
ANN,RNN,CNN,RBM's & NLP.

Other Skills
MySQL
OOPS
GEN-AI
Data Science
Machine Learning
Data Preprocessing
Feature Engineering

Tools
Visual Studio
SQL Server
Zabbix
Ranorex
Git
AWS

OS
Windows

Certifications
Python For Data Science, AI & Development – IBM

Python ML Developer Certified - PDEA

Microsoft Certified: Azure Fundamentals AZ-900

Software AG Certified: ARIS Process Mining Professional