



BRIEF SUMMARY

I am a B.E. Artificial Intelligence & Data Science student with expertise in Python, Machine Learning, Data Analytics, and Full-Stack Development. I have worked on impactful projects such as a Government Scheme Navigator with AI chatbot and a Credit Card Fraud Detection system, gaining practical skills in data preprocessing, clustering, regression, and visualization. As an NSS volunteer, I have developed teamwork and leadership abilities while contributing to community initiatives. I am passionate about using AI to build solutions that create real-world impact.

KEY EXPERTISE

Python C++ MySQL SQL HTML CSS NumPy Pandas Matplotlib

EDUCATION

Dr. D. Y. Patil Institute of Technology	2026
B.E. - Artificial Intelligence & Data Science CGPA: 8.68 / 10	
B.K. Birla College, Kalyan	2022
12 th Percentage: 65.17 / 100	
Patil Bal Mandir, Mohone	2020
10 th Percentage: 96.40 / 100	

INTERNSHIPS

Main Flow Services and Technologies Pvt. Ltd.	25 Dec, 2024 - 25 Jan, 2025
Key Skills: Python NumPy Pandas Matplotlib Machine Learning	

As a Data Science Intern, I worked on real-world projects involving data preprocessing, analysis, and predictive modeling. I performed sales performance analysis, developed customer segmentation using K-Means clustering, and built house price prediction models with regression techniques. I utilized tools like NumPy, Pandas, Scikit-learn, and Seaborn for effective data handling and visualization.

PROJECTS

Grocery Store Management System

Key Skills: HTML CSS Javascript Bootstrap Python Flask MySQL

Project Link: <https://github.com/tusharr15/Grocery-App.git>

The Grocery Management System is a web-based application designed to streamline the process of managing grocery products, units of measurement, pricing, and transactions. The system allows administrators to add, update, and delete products, define units of measurement (UOM), and maintain accurate pricing details. It provides a user-friendly interface for efficient product management and supports features like inventory tracking, product categorization, and search functionality. By automating routine tasks, the system reduces manual errors, enhances data accuracy, and improves the overall efficiency of grocery store operations.

Credit Card Fraud Detection

Key Skills: Python NumPy Pandas Scikit-Learn Matplotlib Streamlit

Project Link: <https://github.com/tusharr15/Projects.git>

This project focuses on detecting fraudulent credit card transactions using Machine Learning. It leverages historical transaction data to build a predictive model that can differentiate between legitimate and fraudulent transactions. The aim is to enhance financial security by providing an intelligent fraud detection mechanism.

Celebrity Image Classifier

Key Skills: HTML CSS Javascript Python Computer Vision Flask Machine Learning

Project Link: <https://github.com/tusharr15/Celebrity-Image-Classifier.git>

Developed a Celebrity Image Classifier capable of identifying five celebrities using Support Vector Machine (SVM) with hyperparameter tuning through GridSearchCV. The project involved image preprocessing with OpenCV, feature extraction, and model optimization, followed by deployment using a Flask backend and a user-friendly web interface for real-time image classification.

SEMINARS / TRAININGS / WORKSHOPS

Training on Data Analytics Institute Name: Internship Studio

18 Jul, 2024 - 19 Aug, 2024

Key Skills: Ms-Excel, SQL, Python - Numpy, Pandas

I successfully completed training in Data Analytics, gaining hands-on experience in data manipulation, analysis, and visualization. I learned to perform numerical computations with NumPy, handle data efficiently using Pandas, and analyze relational data with SQL. Additionally, I developed proficiency in MS Excel for functions, pivot tables, and data visualization. This training built a strong foundation for effective data-driven decision-making.

EXTRA CURRICULAR ACTIVITIES

- Volunteer - National Service Scheme (NSS)
- Volunteer - Yuva Maharashtra (YM)
- Technical Head - Sanskriti (A Cultural Club)

PERSONAL INTERESTS / HOBBIES

- Travelling, Cricket, Trekking, Music

WEB LINKS

- Github - <https://github.com/tusharrrr15>

PERSONAL DETAILS

Gender: Male

Current Address: Sant Tukaram Nagar, Pimpri, Pune,
Maharashtra, India

Date of Birth: 15 Aug, 2004

Known Languages: English, Marathi, Hindi

Permanent Address: Mauli Niwas, Mauli Nagar, Mohone,
Ambivli, Kalyan, Kalyan, Maharashtra, India

Phone Number: +91-7738184213

Emails: chavhantushar223@gmail.com , gwtushu223@gmail.com