



TUSHAR RAMSING CHAVHAN

B.E. - Artificial Intelligence & Data Science

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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

12th | Percentage: 65.17 / 100

Patil Bal Mandir, Mohone

2020

10th | 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

Government Scheme Navigator

15 Mar, 2024 - 15 Apr, 2024

Mentor: Prof. Sonali Sawardekar | Team Size: 4

Key Skills: HTML CSS Javascript Flask Python OpenAI

Project Link: <https://github.com/tusharrr15/Government-Scheme-Navigator.git>

Developed a user-friendly web application that provides detailed information about various government schemes and integrates an AI-powered chatbot to assist users by answering queries and guiding them to relevant schemes. The project leverages structured data for scheme information and focuses on improving accessibility, awareness, and ease of navigation, showcasing skills in full-stack development, chatbot integration, and user-centric design.

Credit Card Fraud Prediction

Key Skills: NumPy Pandas AIML

Project Link: <https://github.com/tusharrr15/Projects.git>

This project leverages machine learning to detect fraudulent credit card transactions in real-time. By analyzing historical transaction data, the system identifies suspicious patterns, helping prevent financial losses and enhance customer trust.

Grocery Store Management System

Key Skills: HTML CSS Javascript Bootstrap Python Flask MySQL

Project Link: <https://github.com/tusharrr15/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.

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

- o NSS Volunteer, Dr. D.Y. Patil Institute of Technology, Pimpri Jan 2024 – Sept 2025 Participated in NSS activities like school awareness drives, cleanliness campaigns, and two winter camps focused on rural development, leadership, and community service.

PERSONAL INTERESTS / HOBBIES

- o Travelling, Cricket

WEB LINKS

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

PERSONAL DETAILS

Gender: Male	Date of Birth: 15 Aug, 2004
Current Address: Sant Tukaram Nagar, Pimpri, Pune, Maharashtra, India	Known Languages: English, Marathi, Hindi
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