

TUSHAR

Aspiring Data Scientist | Applied Machine Learning Engineer

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [HackerRank](#) | [LeetCode](#)

Profile Summary

Aspiring **Data Scientist and Applied Machine Learning Engineer** with hands-on experience in building end-to-end data science pipelines and AI-powered web applications. Strong background in **Python, machine learning, data analysis, and Flask-based systems**, with practical exposure to resume parsing, predictive modeling, and intelligent automation solutions. Passionate about transforming data into actionable insights and developing real-world AI systems.

Education

- **Bachelor of Technology (Computer Science and Engineering)** **2023–2027**
CGC University, Mohali, Punjab, India
CGPA: **7.9**
- **Senior Secondary Education (Non-Medical)** **2022–2023**
GSSS Bhullar, Muktsar
Percentage: **80%**
- **Secondary School Education (Class X)** **2020–2021**
H.S High School, Muktsar
Percentage: **87.6%**

Experience

CodexIntern – Python Developer (Remote) **Sep 2025 – Oct 2025**
Contributed to real-world Python-based development tasks and project deliverables.

- **Developed and delivered** project-based applications using core Python and supporting libraries.
- **Applied clean coding practices** and basic optimization techniques to improve performance and maintainability.
- **Collaborated on debugging and testing** to deliver reliable and production-ready features.
- **Strengthened problem-solving and modular design skills** while working under strict deadlines.

Saiket Systems – Data Science Intern (Remote) **Jan 2026 – Feb 2026**
Worked on applied data science and machine learning workflows for real-world datasets.

- **Performed data cleaning and preprocessing** and executed feature engineering on structured datasets.
- **Built and evaluated machine learning models** for analytical and predictive use cases.
- **Conducted model evaluation and validation** to ensure reliability and generalization.
- **Generated data-driven insights** to support analytical and business decision-making.

Technical Skills

Programming Languages: Python, SQL, HTML, CSS

Libraries & Frameworks: Pandas, NumPy, Matplotlib, Seaborn, BeautifulSoup, Scikit-learn, TensorFlow, Keras, Flask, Jinja2

Databases: MySQL, Oracle, SQLite

Tools & Platforms: Git, GitHub, VS Code, Anaconda, Jupyter Notebook, JupyterLab, PyCharm, Google Colab

Projects

AI Skill Gap Analyzer

[GitHub](#)

Technologies: Python, Flask, Scikit-learn, Pandas, NumPy, MySQL

An AI-powered platform designed to evaluate resumes against job descriptions and provide actionable learning recommendations.

- Built an end-to-end system to automatically parse resumes and job descriptions.
- Designed a skill matching and normalization pipeline to identify missing and matched skills.
- Implemented a role-fit scoring mechanism and personalized learning roadmap generation.
- Integrated ATS-oriented resume improvement suggestions to enhance candidate profiles.

Gurugram Data Insights & Analysis

[GitHub](#)

Technologies: Python, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook

- Performed exploratory data analysis on a real-estate dataset to identify price trends and key factors.
- Cleaned and preprocessed data and created meaningful engineered features.
- Developed visualizations including heatmaps, scatter plots, and bar charts.
- Derived actionable insights related to location, amenities, and pricing patterns.

Personal Portfolio Website

[GitHub](#)

Technologies: Python, Flask, HTML, CSS, JavaScript, SQLAlchemy, SQLite, REST APIs, GitHub

- Developed a responsive full-stack portfolio platform to showcase projects and professional profile.
- Implemented backend APIs and database integration for dynamic content.
- Designed modern UI components and smooth animations for improved user experience.
- Maintained version control and deployment-ready project structure.

Jarvis – AI Virtual Assistant

[GitHub](#)

Technologies: Python, SpeechRecognition, pyttsx3, Requests

- Developed a voice-controlled assistant to open applications, search the web, and retrieve news and weather data.
- Automated routine tasks using speech-to-text and text-to-speech pipelines.

Certifications

- The Ultimate Job Ready Data Science Course – [CodeWithHarry](#)
- Python Course Completion – [Udemy](#)
- SQL (Advanced) – [HackerRank](#)
- Python – [HackerRank](#)
- Data Analyst – [OneRoadMap](#)
- Introduction to TensorFlow using Keras – [Microsoft](#)
- Introduction to Machine Learning Concepts – [Microsoft](#)

Honors & Achievements

- Solved **300+** coding problems on **LeetCode**, demonstrating strong problem-solving and algorithmic skills.
- Solved **100+** coding problems on **HackerRank**, covering Python, SQL, and core programming concepts.
- **Smart India Hackathon (SIH) 2025** – College Level Shortlisted Team.
- **Smart India Hackathon (SIH) 2024** – College Level Shortlisted Team.
- Secured **3rd Position in 12th Standard** (School Rank).