

Deeksha Singh

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SUMMARY

Enthusiastic and detail-oriented B.Tech Computer Science and Engineering student specializing in Data Science. Skilled in data analysis, machine learning, with hands-on experience in Python, SQL, and data visualization tools. Passionate about leveraging data-driven insights to solve real-world problems. Seeking opportunities to contribute and grow in the field of data science.

EDUCATION

Shree Guru Gobind Singh Tricentenary University, Gurgaon, India

Bachelor of Technology in Computer Science and Engineering - 9.50 2022 - 2026

St. Xavier's Senior Sec School Kannauj, UP

Senior Secondary(Class 12) - 84.2 2020 - 2021

Secondary (Class 10) - 90.8 2018 - 2019

WORK EXPERIENCE

CodSoft

Java Programming Intern July 2024 - August 2024

- Developed an ATM Interface using Java, implementing user authentication, transaction handling, and balance inquiries.
- Created a Word Count program to process text input and efficiently count word occurrences. Designed a Number Game in Java, enhancing logical thinking and user interaction.
- Improved problem-solving and debugging skills while working on real-world projects.

PROJECTS

Fashion Item Classifier

- Developed a CNN-based system to classify Fashion MNIST images with high accuracy.
- Built a deep learning model for real-time prediction and analysis of clothing categories.
- Deployed a web application for seamless image upload and classification using Streamlit.
- Technologies: Python, TensorFlow, Keras, Streamlit, PIL, Docker, NumPy.

Linkedin Job data Scraper

March 2025 - March 2025

- Scraped LinkedIn job listings using Python, requests, and BeautifulSoup.
- Automated pagination and data cleaning for accurate results.
- Classified job data dynamically and stored it in an Excel file.

Resume Analyzer for keyword and skills using NLP

- Developed an NLP-based system to extract, analyze, and match keywords from resumes for ML roles.
- Built a text processing pipeline using tokenization, stopword removal, and keyword matching.
- Improved resume analysis accuracy by implementing custom keyword matching logic.
- Technologies: Python, NLTK, PyPDF2, Regular Expressions, NLP.

Internshala Training Project

Property Price Prediction using Regression Models

- Developed a predictive model to estimate property prices in California districts using regression techniques, with preprocessing and feature handling for improved accuracy.¹
- Technologies: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn.

Classification of Breast Cancer using Machine Learning

- Built a classification model to predict malignant or benign breast cancer using logistic regression, with feature scaling and evaluation through multiple performance metrics.
- Technologies: Python, Scikit-learn, NumPy, Pandas, Matplotlib, Seaborn.

Customer Churn Prediction using Machine Learning.

- Developed a model to predict customer churn by applying Decision Trees, Random Forest, and SVM after EDA, feature encoding, and handling missing values.
- Technologies: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn.

SKILLS

Technical Skills

Python, Basics Java, SQL, Machine Learning, Data Analysis, Deep Learning, NLP, OpenCV, Streamlit, MS Excel, MS Powerpoint, BeautifulSoup, Power BI

Libraries

Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, Pillow

Tools

Jupyter, Google Colab, Pycharm, Visual Studio Code, Canva

CERTIFICATE

Machine Learning - Internshala Trainings

Introduction to Numpy - simplilearn | Skillup

InnovaThon'23 - Amity University Haryana

Hands on Training on Image Processing through MATLAB

Participated Techno Quiz event during PRADARSHAN 2.0. - SGT University

Python Fundamentals for Beginners - Great Learning Academy

ACHIEVEMENTS

Secured 1st position in Technoquiz PRADARSHAN 2.0 (SGT University).