

Abhishek

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About Me

Passionate and dedicated 3rd-year B.Tech Computer Science student with a strong foundation in machine learning, data analysis, and programming. Eager to leverage my knowledge and skills in Python, SQL, and machine learning tools to contribute to a dynamic team in a data science internship role. Certified in advanced machine learning algorithms from Stanford University via Coursera, with a focus on building and deploying data-driven solutions.

Education

B.Tech in Computer Science Engineering

KC Group of Research and Professional Institute, Pandoga(una , H.P)

3rd Year

Expected Graduation: 2026

Certifications:

- Supervised Machine Learning: Regression and Classification - *Stanford University (Coursera)*
- Advanced Learning Algorithms - *Stanford University (Coursera)*

Skills

- **Technical Skills:** Python, Java, SQL, TensorFlow, Matplotlib, Seaborn, NumPy, Pandas, Scikit-learn, MongoDB
- **Soft Skills:** Collaboration, Problem-Solving, Communication, Adaptability, Innovation

Projects

Live Facial Recognition System

Developed a real-time facial recognition system using TensorFlow, OpenCV, and Scikit-learn. Achieved **95% accuracy** in face detection and recognition, improving system efficiency by **30%**. Reduced processing time by **20%** through optimized algorithms.

Technologies: Python, TensorFlow, OpenCV, Scikit-learn

Text Recognition Model

Built a text recognition model from scratch using TensorFlow, achieving **98% accuracy** in detecting and processing text from over **10,000 images**. Enhanced usability for users with accessibility needs.

Technologies: Python, TensorFlow, Keras

Price Prediction Model

Created a regression model to forecast product prices, improving prediction accuracy by **15%** compared to previous models. Analyzed over **5,000 products** for actionable pricing strategies.

Technologies: Python, Scikit-learn, Pandas, NumPy

Extracurricular Activities

- Hackathons: Participated in various online coding and data science hackathons.
- Workshops: Attended webinars and workshops on machine learning, deep learning, and data science.

Interests

- Machine Learning
- Data Visualization
- Artificial Intelligence