

ABHISHEK KUMAR SINGH

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OBJECTIVE

Aspiring Software Engineer currently in the fourth year of a Computer Science program, specializing in Machine-Learning and Artificial Intelligence. Eager to contribute to innovative projects and seeking full-time opportunities to apply my proficiency in various projects, ensuring the delivery of dynamic and efficient solutions.

EDUCATION

Bachelor of Computer Science, Lovely Professional University Expected 2025
Relevant Coursework: Operating System, Database Management System, Object Oriented Programming, and Computer Networks, Machine learning.

Intermediate, Kendriya Vidyalaya 2020 - 2021
Relevant Coursework: Physics, Chemistry, Maths and Computer Science.

SKILLS

Technical Languages C++, Java, Python,

ML Technologies: Pandas, NumPy, SciPy, Matplotlib, TensorFlow, Keras, Scikit-learn, Django, Seaborn, Computer Vision, Open-cv, ML linear regression algorithm, ML classification algorithm, Data Pre-processing techniques, HTML, CSS, React.js.

Tools Git/Github

EXPERIENCE

ML and Data Science Intern Jan 2024 - Mar 2024
Uplers.com *Remote*

- Worked on a project related to ML classification and data preprocessing, making different data analysis reports and using ML algorithms for prediction
- Utilized various classification and classification and regression models for generating churn reports.
- Tech Stack: TensorFlow, Scikit-Learn, Classification Algorithms, Regression Algorithms, NumPy, Pandas, Matplotlib, Seaborn, Jupyter Notebook, SQL

PROJECTS

Vision-captcha using ML vision algorithms (Patented)

- Developed a CAPTCHA recognition system using Python and computer vision techniques.
- Tech Stack: Open-cv, TensorFlow, Scikit-Learn, NumPy, Pandas, Python.

Multilingual Translator ML Tool [Live](#)

- Designed and implemented a user-friendly web-based tool for translation across multiple languages using Natural Language Processing (NLP) algorithms.
- Tech Stack: Streamlit, NLTK, Chatgpt(API), Python.

EXTRA-CURRICULAR ACTIVITIES

- ML/AI Lead of IEEE CIS LPU Student Chapter. Led a team of 50+ people, overseeing the development of the IEEE CIS LPU ML projects and managing various web projects.
- I have done 2 patents related to ML and AI and currently working on 1 research paper related to ML.