

Himanshu Singh Aswal

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EDUCATION

BLACK

Graphic Era University

B.TECH in Computer Science; GPA: 8.3

Dehradun, India

Sep 2022 – Present

Delhi Public School Ghaziabad

C.B.S.E; Percentage: 88.00%

Ghaziabad, India

2021

G.R.D

C.B.S.E; Percentage: 96.00%

Dehradun, India

2019

SKILLS

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Programming Languages: C++, Python, Java, C, HTML, CSS, JavaScript, SQL

Technical Skills: Machine Learning, Data Analysis, Object-Oriented Programming, Data Structures and Algorithms, Operating Systems, Database Management Systems

Frameworks: MySQL, Bootstrap, NumPy, Pandas, Matplotlib, Seaborn, Linux

Tools: GitHub, VS Code, PyCharm, Jupyter Notebook, MS Excel, MS Word

PROJECTS

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Deep Fake Detection using ResNet

Python, TensorFlow, Keras

- Developed a model using ResNet to detect deepfake videos with high accuracy.

Player Productivity Tracker

Python, Computer Vision, Machine Learning

- Analyzed player performance using CV and ML to suggest productivity improvements.

Hindi to English Translation

Python, Neural Networks

- Implemented a neural network for accurate Hindi to English text translation.

Music Application

HTML, CSS, JavaScript, Node.js, React, MongoDB

- Built a music streaming app with authentication, playlists, and recommendations.

Job Tracking Application with AI Bot

HTML, CSS, Flask, AI

- Developed a job tracker with AI for query handling and application updates.

Rent Application

HTML, CSS, JavaScript, Python, Flask

- Created a rent management app with property search and contract features.

Movie Rating/Reviewing App (In Progress)

React, Node.js, MongoDB, Express

- Developing an app for movie ratings and reviews with robust backend support.

CERTIFICATIONS & ACHIEVEMENTS

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Neuroscience of virtual reality-Research paper(IEEE).

Coursera Certificate on Advanced Machine Learning from Stanford University.

State-level Badminton Player, representing at various competitions.

Winner of the Mathematics District Olympiad.