

NILESH BHANOT

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GitHub Profile – <https://github.com/newbie10003-code>

LinkedIn Profile - [linkedin.com/in/nilesh-bhanot-219506173/](https://www.linkedin.com/in/nilesh-bhanot-219506173/)

EDUCATION

COURSE	INSTITUTION	CGPA/PERCENTAGE	DURATION
B.Tech CSE	Graphic Era Hill University, Uttarakhand	8.2 (SGPA – 4 th Semester)	Oct 2021 – Present
Central Board of Secondary Education	Doon International School, Uttarakhand	92.4 %	Jul 2018 – Mar 2020
Central Board of Secondary Education	Doon International School, Uttarakhand	94.8 %	Apr 2017 – Mar 2018

WORK EXPERIENCE

Machine Learning Intern at Bharat Intern	Oct 2023
<ul style="list-style-type: none">Completed Regression and Classification projects using Machine Learning in Python	

PROJECTS

Time Series –Stock Price Prediction using Neural Networks	
• Developed a LSTM model that uses patterns within historical and current data to forecast future market trends	
ATM Interface using Object Oriented Programming (C++)	
• Developed a scalable ATM Interface Model in C++ using Object Oriented Programming	
Skin Disease Classification using Python	
• Developed a deep learning model to classify multiple skin diseases using Convolutional Neural Networks in Python and Image Processing in MATLAB	
Facial Emotion Recognition (FER) using OpenCV and Convolutional Neural Network (CNN)	
• Developed an FER Model with an accuracy of over 90% that accurately deciphers complex emotional cues from facial expressions	
AI Virtual Mouse using OpenCV	
• Created a Virtual Mouse application that deploys Computer vision to enable handsfree control through intuitive hand gestures	
Time Series – Weather Forecasting using Neural Networks	
• Developed a Weather Forecasting Time Series Model that predicted weather data for every hour using LSTM, GRU, RNN & CNN	
Sentiment Analysis using Natural Language Processing (NLP) on Twitter Dataset (Machine Learning)	
• Developed an NLP model that classified sentiments of tweets as positive or negative with an accuracy of 85% using 1.6 million tweets	
CERTIFICATIONS	
Deep Neural Networks with PyTorch (Certification – Coursera)	<i>Dec 2023</i>
• <i>Certified in Deep Neural Networks and fundamentals of Machine Learning using PyTorch</i>	
GUVI’s AI for India 2.0 (Certification – Accredited by NCVET & IIT – Madras)	<i>Aug 2023</i>
• Certified in Artificial Intelligence and Machine Learning by GUVI in collaboration with Skill India	
Full Stack MEAN (Mongo DB, Express.js, Angular.js, Node.js) Development (Certification - Coursera)	<i>Jul 2023</i>
• Completed a full stack project consisting of a secure web application using MEAN stack	
Machine Learning in Python - (Certification - Bootcamp from Udemy)	<i>Oct 2022</i>
• Worked on 10+ projects on Exploratory Data Analysis, Principal Component Analysis, Deep Learning, Natural Language Processing, Neural Networks & Big Data using SPARK	

SKILLS

<ul style="list-style-type: none">Languages known: C, C++, Python, Java, HTML, CSS, JavaScript and MEAN StackOperating Systems: Linux, WindowsFunctional understanding of Object-Oriented Programming and C/C++ Language fundamentals in LinuxWorking knowledge of Natural Language Processing, Computer Vision, Operating Systems, Data Structures & Algorithms, DBMS, Computer Networks, Computer Architecture & Machine LearningSolved 600+ questions on LeetCode, CodeChef, CodingNinjas and GeeksForGeeks
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EXTRA-CURRICULAR AND OTHER ACHIEVEMENTS

<ul style="list-style-type: none">Won the Inter college hackathon “Hack-O-Holic” organised by Graphic Era Hill University (Ranked 1st among 150 teams)Placed in top 10 in Intra-university level competition “Crack C 2.0”Led a team of 3 to semi-final round of “BuzzFeed Non-technical Quiz” held in Graphic Era Hill UniversityGold medallist in Inter-school General Knowledge Quiz hosted by VodafoneLed the school cricket team to victory in inter-school matches against Rashtriya Indian Military College and others
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