

VAIBHAV SINGH THAPLI

DATA SCIENTIST / MACHINE LEARNING
ENGINEER

CONTACT



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[Linkedin](#)



[Github](#)

KEY SKILLS

- Python
- HTML
- MYSQL
- AWS
- PowerBI
- Tableau
- Excel
- Machine Learning
- Deep Learning
- Tensorflow
- Math and Statistics
- Natural language processing
- OpenCV
- Computer Vision
- Statistical analysis and computing
- Processing large data sets
- Data Visualization
- Data Wrangling
- Big Data

EDUCATION

Graphic Era Deemed to be University

MCA

2022- Present

HNBGU, Srinagar Garhwal

Bachelor of Science in IT

2016-2019

PROFILE

Accomplished Data Scientist with a passion for delivering valuable data through analytical functions and data retrieval methods. • Committed to helping companies advance by helping them develop strategic plans based on predictive modeling and findings • Bringing forth a proven track record of analyzing complex data sets and serving as a strong advisor.

RESEARCH

DDCMR2 (Deep Detection and Classification Model with Resizing and Rescaling)

Developed an AI model for detecting plant leaf diseases in farms using Python board and Tensorflow framework. We can use it as a mobile App or web-based page. Accepted in AITA 2023 Paper ID: 393, held on August 11-12, 2023 at IBS.

WORK EXPERIENCE

Data Scientist

Freelance

2021-Present

- Leveraged large data sets to improve business strategy and performance.
- Collaborated with cross-functional teams to implement predictive models.
- Improved client behavior prediction accuracy by 20% through the development and implementation of strategic models.
- Presented data-driven insights to executive leadership.
- Consult Students/Teachers for model building with high accuracy.

Data Scientist

Ineuron

2020-2021

- Created data models and documented data flows to improve system architecture and data quality.
- Developed a predictive model that accurately forecasts customer churn with 95% accuracy using machine learning
- Developed a deep learning model that accurately identifies objects in images with 99% accuracy.
- Developed a natural language processing (NLP) model that accurately classifies customer sentiment with 93% accuracy.

SOFT SKILLS

- Strong problem-solving and disbudding skills
 - Knowledge of Agile development methodologies
 - Mentorship
 - Excellent collaboration and communication skills
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PROJECTS

Suicidal Thoughts Detection

- It was an **NLP-based API** Deep learning model built in **Tensorflow, Python, and RNN**.
- **Role:** I was the solo Data Scientist in this project and my role is to develop the API that can detect the mental health of the students from their chats.
- Model accuracy is 93%

Face Attendance + Face Identification + live detection

- It is an **CV-based API** Deep learning model built in **Tensorflow, Python, and CNN**.
- **Role:** I was the solo Data Scientist in this project and my role is to develop an AI system that can detect the Student face and also classify that the face is real or fake.
- Model accuracy is 97%

Resume Insights

- It is an **NLP-based API** Deep learning model built in **Tensorflow, Python, Azure and RNN**.
- **Role:** I was the leader in this project, I was created the AI model that can suggests keywords and skills to include in your resume. The right keywords and skills can help you stand out and increase your chances of being considered for a role.
- Model accuracy is 94%

CERTIFICATES

- Data Science, Machine Learning, and AI using Python Dexlab Analytics
- SQL for Data Science University of California