

# SUMIT KUMAR

Machine Learning Enthusiast: Harnessing the Power of AI to Create Innovative Solutions in Generative Intelligence

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sumit-kumaar

## EXPERIENCE

### Machine Learning Intern

#### CNH Industrial

March 2023 - Present

Gurgaon, India

Solving Customer-Centric Problems in the Agricultural Machinery Industry through NLP/ Generative AI.

### Internship

#### Xavient Software Solution India Pvt. Ltd

Jan 2020 - Jun2020

Noida, India

Worked on a project related to Networking

## EDUCATION

### PhD in Computer Science

#### IIT Delhi

Oct 2023 - Present

Topic: Multi Cloud

### M.Tech. in Statistical Computing

#### Jawaharlal Nehru University

Jan 2021 - Dec 2022

Percentage - 85%

#### Thesis: Minimizing Energy Of Multi-Hop Routing Protocol In Wireless Sensor Network

It addresses the problem of energy consumption of the sensor node using clustering and optimization techniques for routing.

#### Project: Detection and Classification Of Brain Hemorrhage and its sub-types using Deep Learning

Project identifies the subtypes of brain hemorrhage using various transfer learning models like ResNet50, Vgg16, and Vgg19 on the RSNA dataset having multi class classification.

### M.Sc. in Computer Science

#### Central University of South Bihar

Aug 2018 - Oct 2020

Percentage - 85.4%

#### Project : IPsec VPN (Implementation Of IPsec Tunnel Between Two Sites)

### Bachelor in Computer Application

#### Magadh University

Aug 2014 - Sept 2017

Percentage - 65%

### XII (Science), X

#### DAV Public School

2014, 2012

Percentage - 71% , 81%

## SKILLS

C++

C

Python

Data Structures

Object Oriented Programming

Algorithms

MySQL

Linux

Computer Network

Operating Systems

DBMS

Machine Learning

NLP

Generative AI

Deep Learning

Prompt Engineering

Cyber Security

## CERTIFICATES

### Supervised Machine Learning: Regression and Classification

Coursera | Andrew Ng

### Machine Learning with Python

Cognitive Class by IBM

### Ethical Hacking (Concept-Based)

Swayam (By Prof. Indranil Sen Gupta | IIT Kharagpur)

## ACHIEVEMENTS



#### UGC-NET

Qualified UGC-NET in Computer Science, 2023



#### JNUEE

RANK 1 in JNU Entrance Examination, 2020



#### CUCET

Qualified Central University Common Entrance Test, 2018

## PERSONALITY TRAITS

Innovative, Goal oriented

Decision making and problem-solving

Adaptable with Good Communication skills