

## Contact

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D.O.B- 22/07/1994

## Languages

English,Hindi

## Skills and Tools

### BLOCKCHAIN

Blockchain Networks,  
Smart Contracts,  
Tokens, Wallets, DeFi,  
NFT Marketplaces,  
DApps, DAOs, Web3,  
Python, AI, Stable  
Diffusion, Deep  
Learning, C  
Programming,  
Basic OOPS Concepts,  
Data Structures,  
JScript(ES6) and  
HTML.

## Training

June-2016-Training in  
ASP .Net with C#  
HP Summer Training  
Nodal Center Prayagraj

## Education

2019-2021	<b>M.Tech</b> in Computer Science and Engineering(7.08 CGPA)	NIT Durgapur
2012-2016	<b>B.Tech.</b> in Computer Science (7.5 CGPA) Technology, Meerut	Sir Chhotu Ram Institute of Engineering and
2010	<b>Intermediate</b> S.K.I.C, Allahabad	UP Board
2015	<b>High School</b> S.K.I.C, Allahabad	UP Board

## Experiences

### OCT-22 to Now -**LeewayHertz Technology Software Engineer(Blockchain Developer)**

Working on blockchain projects with Ethereum, SmartContracts,DeFi, Web3, and Blockchain Protocols. I had also work expertise of AI projects, related work on Generative AI Development, Custom Adaptive AI Model-based Solutions Development. I have expertise AI Models based on GPT3.5, DALL.E, Stable Diffusion, Midjourney, Bard, LLaMA etc with using AI Frameworks (Pytorch, tensorflow).

### Sep-21 to Sep-22-**NIT GOA ( Work on project of BLOCKCHAIN Technology as Research fellow )**

Working as a Designing, developing, and testing blockchain systems and Deep knowledge of Ethereum, Smart Contracts development for security. Experience in DeFi (Aave Protocol, Uniswap), Crypto Wallets specifically with Web3. Have experienced of Blockchain Protocol, decentralised and centralised infrastructure, Cryptography Primitives (Public Key Cryptography, Merkel Trees etc.)

### Jun-17 to Nov-18-**L.T Communication Pvt Lt.**

I have 2 year of experience as a Python Developer. Worked on backend technologies such as Python, NodeJS, databases such as SQL and experience with APIs, using Git bash and Have expertise with HTML, JavaScript(ES6, ReactJs etc), and CSS.

## Projects

### **Redqore and LGPTBased on InteriorAI project and Large Language Model Development**

Worked on AI technologies, DL, ML, computer vision, reinforcement learning, and NLP, we create powerful Generative AI models and ChatGPT, Midjourney, DALL-E, Stable Diffusion with Fine-tuning Models. Used Hugging's face of pretrained model and generating images of interior AI with different styles, also trained our custom model with dreambooth and LORA training Methods. Work on LLM Models GPT3.5,using Langchain and integrated with them.

### **INSTINCT Games- Based on Blockchain Projects**

Worked on Ethereum platform with Solidity and creates smart contracts and integrates with them and used crypto wallets, test networks, creating NFT's and used the platforms of OpenSea for buy and sell.

### **(M.Tech)Work on Thesis- Skin/Scalp Disease Recognition and Human Activity Recognition by using Deep Learning**

Applying machine learning libraries and algorithms (like CNN,VGG16,Resnet50) is part of DL topic. For instance, TensorFlow, or MLib, programming algorithms on Kaggle datasets, and work upon image classification.

**Work on Thesis - Triage System by using Machine learning** - Development of automated triage system for emergency medical services with triage nurse ordering, Patients flow optimization in research on the impacts of physician triage.

**Dictionary System** - A project for better understanding of database management system using B-Tree(use indexing).

## Achievements

**Qualified Gate 2017, 2018, Stood among the top 10 percent of students**

**Certificates** - Got the certificate of HEWLETT- PACKARD EDUCATION SERVICE and certificate of NAV BHARAT INSTITUTE OF TECHNOLOGY for complete C Programme.

**Sports Meet** - Actively participated in the Cricket& Badminton Championship at college, I was a captain of my b-tech college team, also participated in Several cultural fest in my college like painting, organized events.

## Interests

**Writing Poems, Dancing, Reading Books, and Social Work.**

## Social Media

**Linkedin** - <https://www.linkedin.com/in/avneesh-kumar-0a9238211>

**Github** - <https://github.com/AaveChain>