

AVNEESH KUMAR

Contact

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D.O.B- 22/07/1994

Languages

English,Hindi

Skills and Tools

BLOCKCHAIN Basic,
Private and public
Blockchain Networks,
Smart Contracts,
Cryptocurrencies,
Crypto Tokens,
Crypto Wallets,
Blockchain-based
platforms: DeFi lending
platforms, Asset
tokenization platforms,
Blockchain Protocol,
NFT Marketplaces,
DApps,Cross-chain
Bridges, DAOs, Web3,
Python, AI, Stable
Diffusion, Deep
Learning, NodeJs, C
Programming,
Basic OOPS Concepts,
Data Structures and
JScript(ES6), HTML.

Training

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

Education

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

Experiences

OCT-22 to NOW-LeewayHertz Technology Software Engineer(Blockchain Developer)

Working on blockchain projects, based on Distributed Ledgers, Ethereum, Smart Contracts development with scalability, DeFi, Web3, Blockchain Protocols. I had also work expertise of AI projects, related work on Generative AI Development, Custom Adaptive AI Model-based Solutions Development. AI Models We Have Expertise in GPT-3.5,DALL.E,Stable Diffusion, Midjourney, Bard, LLaMA etc. Model Integration and Deployment 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 with Distributed Ledgers, scalability, algorithms and Deep knowledge of Ethereum, Smart Contracts development for security. Experience in DeFi(Aave Protocol,Uniswap), Crypto and blockchain space, specifically with Web3. Have experienced of Blockchain Protocol, decentralised and centralised infrastructure, Cryptography Primitives (Public Key Cryptography, Merkel Trees etc.)

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

I have one 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 knowledge of bash and server environments as CLI. Have expertise with key front-end web technologies such as HTML, JavaScript(ES6, React etc), and CSS.

Projects

Redqore and LGPTBased on InteriorAI project and Large Language Model Development

Worked on AI technologies, like deep learning, machine learning, computer vision, reinforcement learning, and natural language processing, we create powerful Generative AI models and solutions modeled after ChatGPT, Midjourney, DALL-E, and 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).

Online Shoes Shopping Website in ASP.Net C# - During my summer training in HEWLETT-PACKARD EDUCATION SERVICE.

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>