

AVNEESH KUMAR

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,
JavaScript(ES6) and
HTML.

Training

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

Education

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|-----------|---|---|
| 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)**

Excellent Understanding of Blockchain Technology, Proficiency in JavaScript, Solidity, Python, Solid grasp of cryptography and security consensus principles, Knowledge of smart contracts, Familiarity with Algorithm and Data Structures. I had also work expertise of AI projects, related work on Generative AI Development Models.

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, databases such as SQL and experience with APIs, using Git bash and Have expertise with HTML, JavaScript(ES6, ReactJs etc) and CSS.

Projects

INSTINCT Games- Based on Blockchain Projects

Worked on DeFi, Web3, using tools hardhat and truffle. Developing Ethereum Smart Contracts and Infrastructure for a Blockchain-based identity management system. Using Crypto Wallets and blockchain space. Decentralised Applications (dApps) are decentralized and open-source, dApps use a blockchain as a backend, and run on a peer-to-peer network.

Redqore and LGPTBased on InteriorAI project and Large Language Model Development

I had also work expertise of AI projects, Models based on GPT3.5, DALL.E, Stable Diffusion, Midjourney, Bard, LLaMA etc with using AI Frameworks (Pytorch, tensorflow). Create powerful Generative AI models and Stable Diffusion with Fine-tuning Models. Work on LLM Models GPT3.5,using Langchain and integrated with them.

(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 MLlib, 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>