

AVNEESH KUMAR

Contact

205A/3D/2H Kareli,
Prayagraj, U.P.
India-211003

Mobile no:
+91 9555668783
+91 9871371449

Email:-
akchain22@gmail.com

D.O.B- 22/07/1994

Languages

English,Hindi

Skills and Tools

Blockchain, Solidity,
Ethereum, Smart
Contracts Polygon,
Binance Smart Chain,
Ethers.js, React.js,
JavaScript, Web3.js,
Decentralized
Applications (dApps),
ERC20 Tokens, Remix
IDE, Public
Blockchains, Hardhat,
Non-Fungible Tokens
(NFTs), Truffle
Framework, Hash
Graph, NFT
Marketplaces, DeFi,
DEX, Native Token,
Wallets, DAOs, Web3,
Token Forking, Yeild
Farming, Python, AI,
Stable Diffusion, Deep
Learning, C
Programming, Basic
Oops Concepts,
Database MySQL, Data
Structures, HTML.

Training

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

Education

2019-2021	M.Tech From NIT DURGAPUR (7.08 CGPA)	Computer Science and Engineering
2012-2016	B.Tech. From SCRIET, Meerut (7.5 CGPA)	Computer Science and Engineering
2010	Intermediate From UP Board	S.K.I.C, Allahabad
2008	High School From UP Board	S.K.I.C, Allahabad

Experiences

Oct-22 to Sep-23 **Leeway Hertz Technology Software Developer(Blockchain)**

I possess extensive experience in designing, developing, and testing blockchain solutions on the Ethereum platform, utilizing frameworks like Truffle, Hardhat, and Ganache for local blockchain development. Proficient in libraries such as ether.js and web3.js, I excel in frontend interaction. My expertise encompasses Smart Contract development, NFT platforms (e.g., Opensea), and token standards including ERC20, ERC721, and ERC1155, ensuring top-tier security. I have hands-on experience with ICO, IPO, and STO processes. Additionally, I am well-versed in Ethereum Layer2 solutions and deploying smart contracts on side chains. I've worked in DeFi with Aave Protocol and Uniswap, including liquidity management, yield farming, token staking, and market analysis using Web3. I also bring AI project expertise, specializing in Generative AI Development Models.

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

Experienced in core blockchain development from scratch and also skilled in Ethereum and Smart Contract security. Proficient in Crypto Wallets with Web3. Expertise in Blockchain Protocols, consensus algorithms (PoW, PoS, PoA), decentralized and centralized infrastructure, Cryptography Primitives (Public Key Cryptography, Merkel Trees).)

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

Cultivated 1.5 years of Python Developer expertise, focusing on backend technologies and MySQL databases. Proficient in API integration and Git. Skilled in HTML, JavaScript (ES6), ReactJS, and CSS for web development.

Projects

INSTINCT Games- Based on Blockchain Projects

Blockchain developer at INSTINCT Games, proficient in DeFi, Web3, Hardhat, and Truffle. Notable accomplishments include Ethereum Smart Contract development with NFT tokens, an NFT Marketplace contract, and collection item creation. Expertise in ERC721 and ERC1155 standards, buy/sell functions, and deposit/withdraw mechanisms. Experienced with Ether.js, Web3.js, Crypto Wallets (e.g., MetaMask), and Decentralized Applications (dApps) on various test networks.

Redqore and LGPTBased on InteriorAI project and Large Language Model Development

Experienced developer with a strong background in AI projects, specializing in models like GPT3.5, DALL.E, Stable Diffusion, Midjourney, Bard, and LLaMA. Proficient in AI frameworks such as PyTorch and TensorFlow, excelling in generative AI model creation, Stable Diffusion, and fine-tuning. Extensive experience with LLM Models like GPT3.5, including Langchain integration.

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

Deep Learning enthusiast with a focus on Skin/Scalp Disease and Human Activity Recognition for thesis. Proficient in machine learning libraries (CNN, VGG16, Res-Net50), TensorFlow, MLib, and image classification using Kaggle datasets.

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>