AVNEESH KUMAR

Contact

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India**

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D.O.B- 22/07/1994

Languages

English, Hindi

Skills and Tools

Blockchain

- **Python, OopsConcepts, Ethereum, Solidity**
- **Smart Contracts**
- **Polygon, BSC**
- **Web3.js, Ethers.js**
- **Tokens with NFTs**
- **NFT Marketplaces**
- **DApps, DAOs**
- **DeFi, DEX**
- **Web3, Wallets**
- **Token Forking**
- **Yield Farming**

Blockchain Dev Tools/Networks

- **Remix IDE**
- **Hardhat, Truffle**
- **Public Blockchains (Ethereum, Binance Smart Chain)**
- **Hyperledger**

Programming Languages

- **JScript, React.js**
- **Python**
- **HTML, CSS**
- **C Programming**

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 Oct-23 Software Developer (Blockchain) | Leeway Hertz Technology

Blockchain Development: Designed, developed, and tested Ethereum-based blockchain solutions using Truffle, Hardhat, and Ganache for local development.
Frontend Proficiency: Expertise in frontend interaction using libraries like ether.js and web3.js.
Smart Contracts: Developed secure and efficient Smart Contracts, including NFT platforms (e.g., Opensea) and token standards (ERC20, ERC721, ERC1155).
Fundraising: Hands-on experience with ICO, IPO, and STO processes.
Scalability: Proficient in Ethereum Layer2 solutions and deploying smart contracts on side chains.
DeFi and DEX: Worked with DeFi platforms like Aave Protocol and Uniswap, managing liquidity, yield farming, token staking, and conducting market analysis using Web3.
AI Expertise: Specialized in Generative AI Development Models.

Sep-21 to Sep-22 Junior Research Engineer | NIT GOA (BLOCKCHAIN Technology)

Blockchain Development with Python: I'm a proficient end-to-end blockchain developer, specializing in core infrastructure using Python. I bring expertise in Ethereum, Smart Contract security, and crypto wallet integration. My deep knowledge spans blockchain protocols, consensus algorithms(PoW, PoS, and PoA), and advanced cryptographic techniques with Merkel Trees, enhancing overall blockchain security and performance.

Aug-16 to Dec-18 L.T Communication Pvt Lt.

Cultivated 2 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

As a Blockchain Developer at INSTINCT Games, With a focus on transparency, safety and security, the community will benefit from unparalleled privacy features and control over their data and has been on DeFi, Web3, Hardhat, and Truffle. In Ethereum Smart Contract development for NFT tokens, NFT Marketplace contracts, and collection item creation. My expertise includes ERC721 and ERC1155 standards, buy/sell functions, and deposit/withdraw mechanisms. Used Ether.js, Web3.js, Crypto Wallets like MetaMask, and Decentralized Applications (dApps) on various test networks.

Redqore InteriorAI and LGPT(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.

Developing Smart Controller for Optimum Utilization of Energy and Trustworthy Management in a Micro Grid Environment(Core Blockchain Development Project)

Focused on Energy Utilization and Management, Distributed Ledger Technology, Smart Contracts, Data Analytic with improves the trust, information immutability, high availability, demand prediction, simplified visualization of energy metering and reporting.

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

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