

Yakshesh Gupta *Blockchain and Frontend Developer*

✉ yaksheshgupta59@gmail.com  Github  +918953983888  Website  LinkedIn

Summary

Software Developer, Web3 researcher, and active open-source contributor. Specialized in decentralized applications and cloud computing. Renowned for rapid development, team-building, and technical mentorship.

Education

B.Tech in Computer Science and Engineering,
Vellore Institute of Technology

Sep 2021 – present

High School Diploma, G.D. Goenka Public School, Kanpur

Apr 2021

Technical Skills

Languages-

Solidity, Typescript, JavaScript, Python, Rust, Java, SQL, HTML, CSS, C++

Frameworks-

Truffle, Hardhat, Wagmi, Web3js, Etherjs, React.js, Next.js, TailwindCSS, Chai.js, Mocha.js

Tools-

Google Cloud Services, Azure, RemixIDE, Metamask, Replit, Vercel, GitHub, VSCode

SoftSkills-

Leadership, Team Collaboration, Public Speaking, Critical Analysis, Problem Resolution, Adaptability

Experience

Co-founder, TradeMutual 

Jan 2023

- Co-founded and successfully launched TradeMutual, a pioneering cryptocurrency investment platform in its beta phase.
- Led cross-functional teams to ensure seamless user experiences through smart contract development, website deployment, and strategic partnerships for platform expansion.

Blockchain Head, ADG-VIT & IET-VIT

Jul 2023 – present

- Developed and implemented a clear vision and roadmap for the Blockchain domain, aligning club objectives with emerging trends in the blockchain industry.
- Organize hackathons, ideathons, and coding competitions focused on blockchain technology to encourage hands-on learning and innovation.

Frontend Engineer, Freelance

Sep 2022 – Jan 2023

- Collaborated with the development team to improve web application user interfaces, enhancing the overall user experience.
- Implemented responsive design and optimized website performance, resulting in faster loading times and increased user engagement.

Open-Source Contributions

0xPolygon - zkEVM 

- Identified and resolved a critical bug, enhancing the wiki's functionality and user experience.

Substreams Sink KV - StreamingFast Repository 

- Detected and fixed an error in the bash command, ensuring accurate execution and preventing issues.

Achievements

Theme Prize winner- DAO, BuildWithCelo

- Engineered and optimized smart contracts for DAO operations, collaborating with a multidisciplinary team to ensure secure and efficient logic.
- Spearheaded blockchain integrations into the project, significantly enhancing transparency and bolstering trust.

3rd Position, Cyber Security Hackathon 2023

- Teamed with experts to devise a machine learning solution for financial fraud detection within blockchain systems, employing advanced ML algorithms and data preprocessing for heightened accuracy.
- Demonstrated the solution's prowess at the competition, adeptly identifying and thwarting fraudulent transactions.

3rd Position, Innoverse Hackathon

- Developed an advanced tool for the Indian government, leveraging blockchain and machine learning for automated fraud detection in cryptocurrency transactions.
- Enhanced transactional transparency, security, and immutability with robust blockchain governance practices.

3rd Position, Hack 4 Impact Hackathon

- Designed a transparency solution for NGOs and Educational Institutions, integrating ML and R for financial monitoring.
- Empowered the system with capabilities to detect potential illicit transactions, significantly bolstering security measures.

Projects

Equistart - The DAO Suite, Solidity, Web3, Truffle, Ganache

- Architected and deployed robust smart contracts encapsulating core DAO operations, ensuring both security and scalability.
- Successfully launched a user-friendly application on the Play Store, enhancing DAO accessibility and championing decentralized governance.

CO2AX, Solidity, Web3, Truffle, Ganache

- Engineered smart contracts for a decentralized environmental platform.
- Designed incentives for corporate greenhouse gas monitoring and taxation.

Web3_pdf_encrypter, Python, JavaScript, HTML, CSS, Metamask, Web3.js

- Developed a PDF encryption platform using Metamask and memorable passwords for heightened security.
- Integrated blockchain capabilities, fortifying data protection in decentralized applications via Metamask encryption.

TrustTrace, ML, R, Python, React, Solidity, JS

- Engineered a transparency framework tailored for NGOs, Educational Institutions, and Welfare Communities, promoting public trust.
- Combined ML and blockchain for superior fraud detection, pinpointing suspicious transactions to safeguard data integrity.

Languages

English



Hindi

