ABHIJIT ROY

Blockchain Developer, Architect

Chandigarh, India

PERSONAL INFO

BIRTH DATE
28 March 1993

NATIONALITY
Indian

YEARS OF EXPERIENCE
6 years

CONTACT INFO

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LANGUAGES

ENGLISH

Hindi

Bengali

HOBBIES

ABOUT ME

I am a Blockchain Developer with 6 years of experience as CTO, Lead Smart contract Developer in multiple crypto startups, projects related to NFT, DeFi, Betting game and also in utility category. I hold multi-chain experience with leading Blockchain protocols like EOSIO, EVM.

EDUCATION

2014 — IIST, Trivandrum
B. Tech Avionics

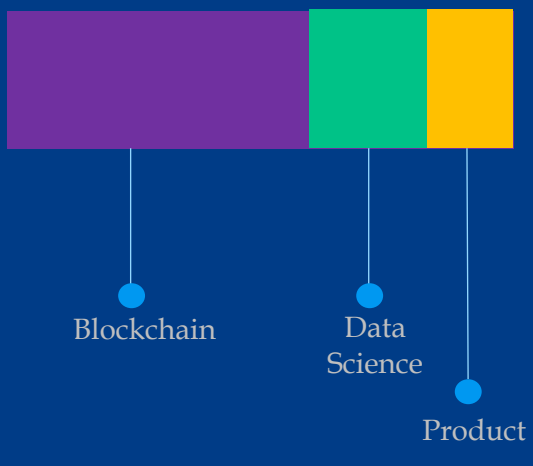
LANGUAGE

C, C++, Python, Solidity, Vyper, Java, Bash, Batch, Markdown, HTML,

CAREER TIMELINE

- 2016-2017: Full-stack development of an All-in-One Android App – "BitInfoCoin".
- 2017-2021: Blockchain Developer with multiple roles and projects.
- 2018: Founding CTO for a start-up DRIFE.
- 2019-2020: Freelancing projects done with multiple clients.
- 2021: Lead Blockchain Developer for 3 months in DeFi start-up - "Boot Finance".

EXPERTISE



SKILLS

GIT

SOLIDITY Language

TECHNICAL DOCUMENTATION

EOSIO C/C++

PYTHON

TYPESCRIPT

EXPERIENCE

Blockchain

- Worked as Lead Blockchain Developer & Architect for a DeFi protocol and also familiar with projects like Uniswap, Curve, Saddle, Swerve. Also worked on Cross-chain Bridge for implementation of token & vesting contracts with timelock functionality for the tokens transferred from DeFi protocols during swap.
- Full Stack development of a product App – 'BitInfoCoin' in Crypto space.
- Designed & Developed the Smart Contract System Design with suite of smart contracts for a Ride Sharing DApp and wrote the technical whitepaper. This also featured a 'free Rides' trade AMM based marketplace with all-time liquidity using DeFi's Bancor Algorithm.
- Worked on smart contracts for a project "Providing a digital identity for parks to enable humans to interact with and take care of them".
- Worked on smart contracts for ICO along with a report on estimated running cost of resources like on-chain RAM, CPU, NET for both Testnet & Mainnet.
- Built architecture & wrote smart contracts – ICO, Stake, Token for a project on "Automatic payment disbursal to Patient/Doctor for Rehabilitation Programme(s)".
- Built Smart Contracts – Escrow, Game along with the architecture for a Betting Game – 'GPK.Battles' on WAX (EOSIO) Blockchain.
- Created a Tipping Bot with smart contracts integrated within using which any person can deposit/withdraw/send/receive multiple crypto token worldwide with just Telegram user ID.
- Developed a KYC Bot with Blockchain and Cloud integration for personal data like name, address selfie (stored in bytes) and validation of hashed sensitive data.
- Found an issue related to excessive on-chain RAM usage in Atomichub NFT protocol. Thereafter created an NFT protocol – OYA with smart contracts.
- Working on a DeFi Chatbot – ProFi, which gives Analytical visual charts for maximizing yield in fiat money using different cryptocurrencies in multiple liquidity pools.
- Contributed in creating a guide – "Setting up Telos Validator Nodes" for Validators for the Telos (EOSIO) Blockchain.
- Designed the architecture for an incentivized travel platform with activity-dependent AI community Bot on Steem/Hive Blockchain.

Data Science

- Created a software called ‘AutoPlot’ for generating interactive plots (with hovering feature) automatically from the big data maintained in Excel and reduced the time from 30 mins (earlier) to 3 seconds (now). Also, created a corresponding dashboard for data analytics on web browser.
- Automatic rent agreements (Deposit Deduction, Rent Increase) generation for different tenants data (like name, startdate, address, postcode) from Excel data.
- Renaming thousands of files based on 5 parameters available inside the file at a particular directory.
- Extract a specific data from a file (format: msr) and replace a specific line in another file (format: .001). Replace coordinates in a file with a desired value and repeat the same for thousands of files present in a directory.
- Fetching of accounts & timestamp of Twitter posts with tag *#libya*.
- Prepared a data analysis report on updating an Excel form from datasets fetched from Outlook mail.
- Image files (formats: dot, png) generation from fetched data in Excel file.
- Created a custom 3D Plot for data analytics related to Semiconductor devices with yield, which is visualizable with interactive modern-UI level.

Bot

- Built a Key Generator Bot called ‘KeyHub’, where a user can buy license key for a set of products. The key usage is continuously monitored along with exact location obtained through reverse-geocoding of coordinates.
- Created a Bot called ‘LEO’ which allows a user to get dog images based on their saved breed as preference or to load random dog images. A donation programme feature was also added which then allowed dog lovers to donate money directly to the Dog Welfare centres.
- Created a general purpose Quiz bot with types - MCQ, Image, Audio, GIF, Video for any topic where a teacher/School/College can conduct online exams for their students. Addition of proper evaluation of subjective types of exam is to be added into the Bot.

LEADERSHIP AND ACHIEVEMENTS

- Bagged the 2nd rank in SNI Hack 2021 competition as a EOSIO Blockchain Developer for a project "Ceven.Parks", which provides a digital identity for parks to enable humans to interact with and take care of them.
- In 2018, I was the founding team member as CTO of a blockchain-based mobility platform that seeks to decentralize the ride-hailing ecosystem. I managed 10 core team members with developers, designers, content writers successfully.
- I was sponsored to represent DRIFE as CTO in World Blockchain Summit (WBS) held at Dubai in October, 2018, where I pitched to around 35 investors from worldwide and ranked as the best start-up in utility tokens category.
- I am managing the largest Semiconductor community over Telegram via a channel. In future, a blockchain-based Chatbot – 'SEMION' with customized user experience, is promised to be released on Telegram and a subscription fee will be charged for which feedbacks is taken via polls conducted within the community.
- I provide online education services through my Udemy account – Block.Hub Academy which has a total of 170 students enrolled for 4 courses to date.
- I am also available as a mentor for topics related to Blockchain (EOS, NFT, DeFi, Ethereum) via Fiverr for 4 people as of now.
- Maintain one of the highest starred Github repositories in EOSIO Ecosystem. Repo
- I have published many thoughtful articles related to Blockchain, Data Science on Medium
- I was a regular technical content creator for a community called Utopian on Steemit– An incentivized social platform on Steem Blockchain.