Aditya Gupta

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SKILLS & TOOLS

- Solidity, Truffle
- OpenZepllin, Metamask
- Java, J2EE, Spring & Hibernate
- React.JS, AngularJS

- DAO, Balancer Protocols, Oracles
- ERC-20, ERC-721 standards
- Experience with Docker, Kubernetes

EXPERIENCE

AMADEUS SOFTWARE LABS, Bangalore
Software Developer, June 2019 – Present
- Developed a complete testing suite for customers to run, manage and monitor automated tests and regressions
- Served as division whitehat, conducting threat modellings, vulnerability analyses and employing mitigation strategies
- Developed containers and terraform scripts for migration of products from VMs to Microsoft Azure cloud services

HOPON - NUVONIC SOLUTIONS, Hong Kong
Founder and Blockchain Developer, January 2019 – August 2019
- Developed and deployed solidity smart contracts serving Hopon's key blockchain applications
- Modified and configured mirror nodes for the Ethereum network
- Used Python and Javascript+Cordova to build platform agnostic applications for the product line
- Managed a team of developers to ensure timely delivery of updates to the product
- Secured seed funding of 100, 000 USD at a market valuation of 1.25 million USD

VSM SOFTWARE, Bangalore
Software Developer Intern, June – August 2017
- Redesigned the mobile banking application for Jana Small Finance Bank (Android)
- Used NPCI's banking APIs like UPI and IMPS to implement monetary transactions interface
- Security analysis of the application on multiple platforms including root access and bad ROM protection

PROJECTS AND ACHIEVEMENTS

VACCINFT - CoVAC
ERC-721 Token Minter, May 2021
- Designed and developed a Dapp which mints a user an ERC-721 NFT against their COVID Vaccination Certificate
- Tokens visible on the OpenSea market. Dapp deployed on Matic network
- Vaccination certificate's QR code is read and the digitally signed content is verified against DIVOC public key
- Used Portis wallet to pay for gas fee for user's transactions, ensuring smooth and worry-free UX

P2P OPEN-WIFI @ HEDERA18 HACKATHON
National Hackathon Winner, October 2018
- Developed a blockchain-based application to monetize internet hotspot using micropayments
- Brainstormed and finalized the concept to utilize micropayment functionality of the Hedera platform
- Developed the POC for server backend as well as the mobile frontend under 48 hours
- Was rewarded 1st place for Indian chapter of the hackathon along with USD 10,000 prize

EHR ON CHAIN @ SIEMENS MAKEIT REAL HACKATHON 2018
Hackathon Winner, October 2018
- Conceptualized and developed an Electronic Health Records [EHR] management with ease of use for the patient as the primary focus leveraging IBM's Hyperledger composer stack
- The solution used blockchain with each health institution (hospital, pharmacy, diagnostic lab) as a stakeholder in the proof of stake based blockchain
- Completed the solution in 22 hours. Was awarded 2nd prize and INR 90000

TURTLECOIN POOL MONITOR
Blockchain Mining Pool Monitor, February 2018
- Designed and developed an Android application to monitor mining statistics for users mining on an open-source pool
- Interfaced with CryptoNote Pool Node default websockets and endpoints to retrieve worker data
- Worked with the open-source community, Application recognized and supported by official TurtleCoin website

COINIFY.CF
Cryptocurrency Exchange Analysis, January 2018
- Developed a python based website to use WebSockets of various cryptocurrency exchanges
- Displaying real-time currency prices in the user's choice of currency along with the max and min for 24 hour period

GOOGLE DEVELOPERS CLUB MSRIT
Technical Lead, August 2018 – June 2019
- Designed and formulated teaching content on various technologies such as mobile apps using Android frameworks, Python and Flask web apps and MEAN stack applications
- Organized and delivered workshops and technical sessions to students after college hours
- Initiated and organized Github Local Hackday in MSRIT with over 200 student participants from various colleges across Bangalore

EDUCATION & CERTIFICATIONS

M S RAMAIAH INSTITUTE OF TECHNOLOGY, Bangalore
Bachelors of Engineering in Information Science and Engineering, August 2015 – June 2019
- GPA: 8.98/10

ETHEREUM & SOLIDITY DEVELOPER CERTIFICATION
January 2021 – March 2021

ADDITIONAL INFORMATION

- Won two consecutive years in Mock Stock (fantasy stock trading competition) held in MSRIT
- Hobbies include playing strategy games, listening to hip-hop, watching F1 and learning about finance