



Anjanay Raina

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[Linkedin](#) , [Portfolio Website](#) , [Github](#)

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Education

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|---|--------------------------------|
| Indraprastha Institute of Information Technology, Delhi (2020 – 2024) B.Tech(CSB) | CGPA: 7.4 (Till Semester 6) |
| ASN Hr. Sec. School, Jammu (2018 – 2019) JKBOSE | Percentage: 89.6 |
| Delhi Public School, Jammu (2019 – 2020) CBSE | CGPA: 10 |

Skills

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|----------------------------|---|
| Expertise Area | Blockchain Development and Smart Contract Auditing, Android Development, Front End Development, Database Management Systems |
| Languages | Solidity, Java, React.js, Ethers.js, Python, SQL |
| Tools/Frameworks | OpenZeppelin, Hyperledger Fabric, Hardhat, Foundry, Ethereum, Solidity-Scan, VS Code, Ganache, Superfluid , Android Studio |
| Platforms | Ethereum, Android Studio, Polygon, Binance, Docker |
| Database | MySQL, Ceramic Network, IPFS , Firebase |
| Technical Electives | Data Structure and Algorithms, Advance Programming, Operating Systems, Computer Networks, Fundamentals of Database Management Systems, Distributed Systems, Interactive Systems, Computer Organisation, Digital circuits, Human computer Interaction, and Introduction to Programming |

Experiences

Natwest Group(formerly RBS) (May,23- July,23)
Technology Intern

- Utilized **Oracle Fusion's** functionalities to develop **visually appealing and user-friendly reports** that effectively convey complex information in a clear and concise manner.
 - Gathered and analyzed data from various sources to **generate comprehensive reports**, presenting key findings and recommendations to **support strategic decision-making processes**.
 - Added **bursting queries** for the reports to **schedule the reports to the respective clients** automatically.
 - Created **Unit Tests** and organized them according to severity to test the reports for **their functioning against the main database**
- Mentors** – [Sapna Bansal](#) , [Kapil Aggarwal](#)

Code4rena (Dec,22 - Present)
Independent Smart Contract Auditor

- Participated in a lot of Auditing Contests finding **Medium level, Non-Critical, Low Risk Findings** as well as **Gas Optimizations**.
- Got in the **Top 300 Auditors** Globally in the Monthly Rankings.
- Led a **team of 4** in Smart Contract Auditing Contests

DLT Labs (Jan,23 – July,23)
Student Researcher

- Conducted extensive research on various **Blockchain Technologies** implemented in the telecommunications industry, analyzing their potential applications and benefits
 - Developed a comprehensive **Research Paper** outlining a blockchain-based solution for **preventing Mobile Device Theft**, highlighting such a system's advantages and implementation
 - Setup **Hyperledger Fabric**, **Docker** and **created Contracts** on it to **Simulate** the Proposed Method using Blockchain to prevent Mobile Device Theft
- Mentors** – [Abhijit Mitra](#) , [Ajay Singh](#)

Chatbuck Messenger

(Jan,22 – Aug, 22)

Blockchain Developer

- Played a key role in developing a **Layer 2 solution** for the messaging application on **Ethereum**, improving scalability and efficiency while ensuring Data Integrity and Security
 - Worked on the front end of the **Android app**, focusing on **user experience and interface design**, enhancing the messaging application's usability and visual appeal.
 - Actively participated in team meetings, brainstorming sessions, and code reviews, fostering a collaborative and innovative work environment
- Mentors** – [Jitesh Kumar](#)

Projects

IP Marketplace

(April,23-June,23)

Project for Aurora Hackathon (Team Size-4)

- A platform where you can **register, contest and lend your Intellectual Property Patents**. Designed and implemented smart contracts to enable users to register, contest, and lend their intellectual property securely
- Used complex **ERC721 extensions** like **Enumerable** and **URIStorage** to mint NFT of the Patents .
- Created a Marketplace contract to manage all the functions of **patent creation , contesting and lending** .
- Utilized **Hardhat** with **Typescript** to create comprehensive **test cases** that validated the platform's functionality. Integrated web3.js to establish a seamless and reliable connection between the platform and the blockchain network.

Decentralised Journalism Application

(Feb,23 – May,23)

Project for Devacation'23 IGDТУW Hackathon (Team Size-4)

[Github link](#) [Product Research](#)

- A project built in **Devacation'23**, A decentralised journaling platform with the aim of privacy and freedom of expression in journalism.
- Developed Solidity contracts (**ERC20, ERC721, Access Control** by **OpenZeppelin**) for **anonymous blog posting** and integrated **Superfluid** for **Real-Time Token Streaming**
- Created a **NFT minting contract** for minting the **NFT** of the blogs and storing the Meta data of the blogs in **IPFS**

Messenger Platform

(Feb,22 – May,22)

Course Project (Team Size-4)

- Created a Messenger Platform in **Android Studio** with all the functionalities of WhatsApp using **MySQL Workbench** for Data Storage and used **JDBC drivers for Server Side Scripting**
- Connected the app with the My SQL workbench using the **JDBC Drivers** .
- Wrote the **SQL queries** for running in the app for fetching the data from the database and adding data in it as well

Staybook Hotels

(Sep,21 – April,23)

Independent Project (Team Size-2)

- Created the Landing Page and the Hotel Reservation System for Staybook Chain of Hotels in **React.js**
 - Connected that with the **backend** and implemented a **Payment Gateway**
 - Designed and implemented the **Hotel Booking Algorithm** in the backend.
- Github:** <https://github.com/anjanayraina/StayBookHotelsGithubLinks>

Positions of Responsibility

- Volunteer at **Odyssey** the Cultural Fest of IIIT Delhi (Jan,23 – Jan,23)
- **Tech Lead** at DLT Labs for the Research Paper on Mobile Device Theft (Jan,23 – Present)
- **Team Lead** for **Esya** the Sports Fest of IIIT Delhi (April,22 – May,22)

Awards and Achievements

- Got Selected as a **Campus Builder** for **Binance**
- Got in the top **300 auditors** worldwide no **Code4rena**
- Completed **Solidity Bootcamp by Encode Club**

Declaration: The above information is correct to the best of my knowledge.

Anjanay Raina

Date: Jul 18, 2023