



Anjanay Raina

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

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Education

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

Expertise Area	Blockchain Development and Smart Contract Auditing, Android Development, Front End Development, Database Management Systems, Machine Learning
Languages	Solidity, Java, React.js, Ethers.js, Python, SQL
Tools/Frameworks	OpenZeppelin, Docker, Hyperledger Fabric, Hardhat, Foundry, Ethereum, Solidity-Scan, VS Code, Ganache, Superfluid , Android Studio
Platforms	Remix IDE ,Ethereum, Android Studio, Polygon, Binance
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**

[Whatsapp Clone](#)

(Feb,22 – May,22)

Course Project (Team Size-4)

- Created a Whatsapp Clone in **Android Studio** with all the functionalities of WhatsApp using **MySQL Workbench** for Data Storage and used **JDBC drivers for Server Side Scripting**

[Sentiment Analysis](#)

(Sep,21 – April,23)

Independent Project (Team Size-1)

- This is a **Deep Learning Model** created in **TensorFlow** using **Keras API** assigns a Sentiment to a sentence that is inputted.

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