

ANJANAY RAINA

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◇ [Portfolio Website](#)

SUMMARY

Currently enrolled in a Bachelor's program for Computer Science and Biosciences. Passionate about technology and sports, I am an enthusiastic individual with a keen interest in Blockchain, Defi, and Android Development. With a solid foundation in computer science and a deep curiosity for emerging technologies, I have actively pursued knowledge in the field of blockchain and cryptocurrencies, understanding their potential to revolutionize industries. Alongside my technical interests, I have dedicated myself to the disciplines of Mixed Martial Arts and volleyball, cultivating discipline, teamwork, and perseverance.

EDUCATION

Bachelor of Computer Science

Indraprastha Institute of Information Technology - Delhi (IIIT-D)

Major: Bioscience

Expected 2024

CGPA: 7.4

Class XII

ASN Hr. Sec. School

2018 - 2019

Percentage: 89.6%

Class X

Delhi Public School Jammu

2016 - 2017

CGPA: 10.0

SKILLS

Technical Electives

Blockchain Development and Smart Contract Auditing, Android Development, Front End Development, Database Management Systems, Machine Learning

Programming Languages

Solidity, Java, React.js, Ethers.js, Python, SQL

Tools & Frameworks

Remix IDE, OpenZeppelin, Hardhat, Foundry, Ethereum, Solidity-Scan, VS Code, Ganache, Superfluid

EXPERIENCE

Technology Intern

May 2023 – July 2023

Natwest Group (Formerly Royal Bank of Scotland)

Hybrid

- 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**

Independent Smart Contract Auditor

Dec 2022 - Present

Code4arena

Remote

- 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

Student Researcher

Jan 2023 - Present

DLT Labs

Remote

- 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

Blockchain Developer
ChatBuck

Jan 2022 - Aug 2022
Remote

- 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

PROJECTS

IP Marketplace

- 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 **URI Storage** 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.

FethrX

- 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**

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

Staybook Hotels Website

- Created the Landing Page and the Hotel Reservation System for Staybook Chain of Hotels using **react.js**
 - Connected that with the backend and implemented a **Payment Gateway by RazorPay**
 - Designed and implemented the hotel room **booking algorithm**.
- Github Links:** https://github.com/anjanayraina/staybook_landing/ <https://github.com/anjanayraina/StayBook>

Chatting Messenger App

- Created a Chat App 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 MySql workbench using the JDBC Drivers

EXTRA-CURRICULAR ACTIVITIES

- Dedicated athlete actively engaged in training and practicing mixed martial arts
- Became the captain of the Volleyball team for CSB/AI branch in the sports event at IIIT Delhi (Astra).
- Volunteer at **Odyssey** the Cultural Fest of IIIT Delhi

AWARDS AND ACHIVEMENTS

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