

# Akshat Singh

Data Scientist

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## TECHNICAL SKILLS

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**Fundamentals:** Data Structures and Algorithms, Data Modeling, EDA

**Programming Languages:** Python, C++, SQL

**Frontend:** React, React Native, Next.js, HTML/CSS, GraphQL, Restful APIs, Figma

**Backend:** Node.js, Express, MongoDB

**Blockchain:** Solidity, Truffle, Hardhat

**Machine Learning:** R, PyTorch, LangChain

## PROJECTS

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**NativeChat** | *React Native, Express, Node, MongoDB*

October 2023 – November 2023

- Developed a real-time chat platform. Leveraged React Native for a seamless mobile experience, MongoDB for scalable data storage, and Node and Express for a robust backend.
- Implemented secure user authentication.
- Facilitated rich multimedia communication, empowering users to connect effortlessly.

**BlockStorage** | *Solidity, React, Mocha, Chai, Truffle, IPFS*

September 2023 – October 2023

- Developed a decentralized image upload and sharing system.
- The Dapp features decentralized storage on IPFS, Ethereum smart contracts for ownership and access control, and a secure system allowing users to grant or revoke access to their uploaded images.

**unSpotify** | *React, RESTful APIs, Redux, Axios*

July 2023

- Built and deployed a Spotify clone web application with mobile compatibility.
- Unspotify stands out by intelligently leveraging geo-location capabilities and harnessing the ShazamCore API services for a refined and immersive user experience.

**NoCentral** | *Solidity, React, Hardhat, IPFS*

May 2023 – June 2023

- Developed a decentralized Real Estate application.
- Implemented a user-friendly interface that allows users to browse, buy, and sell real estate NFTs, made in accordance to the ERC721 guidelines.

## EXPERIENCE

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**Product Developer Intern**

Feb. 2023 – Apr. 2023

*Speak Your Mind Education LLP - it's an Ed-Tech startup.*

*Chennai, India*

- Developed user-friendly front-end interfaces for the company MVP (Minimum Viable Product) dashboards utilising React, Redux, Tailwind and React Navigation.
- Created responsive designs to ensure optimal functionality across devices (desktop, mobile).
- Made contributions to the back-end development as well, creating API endpoints for various course modules using Django.
- Demonstrated full-stack development capabilities by contributing to both front-end and back-end aspects of the EdTech product

## CERTIFICATIONS

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**Understanding Financial Markets - University at Geneve**

**Decentralized Applications(DAppS) - University at Buffalo**

**Decentralized Finance (Defi) Infrastructure - Duke University**

## EDUCATION

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**City Montessori School, 90.2**

*Senior School*

Lucknow, India

2017 - 2019

**SRMIST, 8.5**

*Faculty of Computers Science spl. in Software Engineering*

Chennai, India

2020 - 2024