

# Akshat Singh

Software Developer

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## TECHNICAL SKILLS

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**Fundamentals and Languages:** DSA, Python, C++, C

**Frontend:** React, React Native, Next.js, Typescript, GraphQL, Rest APIs, Figma

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

**Blockchain:** Solidity, Truffle, Hardhat

**Machine Learning:** PyTorch, Pandas, Numpy, ScikitLearn, EDA, OpenCV, Langchain, RAG

**Cloud:** Firebase, AWS, GCP

## PROJECTS

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**NativeChat** | *React Native, Express, Node, MongoDB* 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 and facilitated rich multimedia communication, empowering users to connect effortlessly.

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

**DigitScan** | *Pytorch, CNN, Pandas, Numpy* 2024

- A simple convolutional neural network trained on the MNIST dataset, made to predict hand-written digits with a testing accuracy of 98 percentage.

**NoCentral** | *Solidity, React, Hardhat, IPFS, Mocha, Chai* 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 - Frontend , Internship** Feb. 2023 – Apr. 2023

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

*Chennai, India*

- Thrived in a dynamic pre-seed startup environment, demonstrating adaptability and resourcefulness in navigating evolving project requirements and tight deadlines.
- Designed and implemented intuitive front-end interfaces using React, Redux, Tailwind, and React Navigation for company MVP dashboards.
- Ensured cross-device functionality by developing responsive designs, optimizing performance for desktop and mobile platforms.
- Diversified contributions by creating API endpoints for multiple course modules within Django's backend framework.

## CERTIFICATIONS

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**Introduction to Front-end Development - Meta**

**Introduction to Software Engineering - IBM**

**Python Essentials for MLOPs - Duke University**

**Exploratory Data Analysis for Machine Learning - IBM**

## EDUCATION

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**SRMIST, 8.5**

Chennai, India

*Faculty of Computers Science spl. in Software Engineering*

*2020 - 2024*

Software Development Life Cycle, Software Testing, Agile and Scrum Methodology

**City Montessori School, 90.2**

Lucknow, India

*Senior School*

*2017 - 2019*