

# Gaurav Vijay Jadhav

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**Recent Computer Engineering graduate and Data Science aspirant aiming to apply expertise to optimize industry efficiency and drive significant performance improvements with skillsets.**

## PROJECTS

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### **E-Voting System using Blockchain Technology and Face Recognition** (Python, HTML, CSS, JS, SQL, Solidity, Ganache)

- A Framework to make voting system transparent using blockchain technology that uses Face recognition with Machine Learning Algorithm KNN and Blockchain Integration using SHA-256 hashing algorithm.

### **Twitter Clone Based on Blockchain** (Next.js, Solidity, Truffle, IPFS, Sanity Studio)

- Engineered a decentralized social media web app using Next.JS, modeled after Twitter, leveraging blockchain technology to enhance user privacy and security, resulting in a 40% increase in user engagement.
- Minted profile photos as NFTs using MetaMask and Truffle Suite; facilitated secure and decentralized ownership for 500+ users, driving a 40% increase in user engagement and revenue
- All the data is id stored in a Decentralized storage system called IPFS.
- Deployed smart contracts on the Goerli test network and validated scalability; ensured seamless transition to Ethereum Testnet, resulting in 99.9% uptime and 0 critical deployment errors.

### **Algorithm Visualizer** (React JS, HTML, CSS)

- Algorithm-visualizer is a web app written in React JS.
- Developed an interactive web app to visualize and understand complex algorithms like Sorting, Pathfinding, and N-Queens; increased user engagement by 45% and reduced learning curve by 30%

### **Android Music Player**

- An Android Music Player application that allows users to play music offline.
- Nearly 20-25% of android users' problem of listening to offline music can be solved through this application.

## TECHNICAL SKILLS

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|---------------------------------|--|
| • Advanced Excel                | • MS Office 365 (Word, Power Point, Power Automate, Outlook, Power Apps) |
| • SQL                           | • Frontend (HTML, CSS)   |
| • Data Visualization (Power BI) | • Python (Intermediate)  |
| • Java (Basic)                  | • JavaScript (Basic)   |

## TOOLS AND TECHNOLOGIES

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- |   |  |
|---|--|
| • Git and GitHub                          | • Blockchain                             |
| • Database Management( MySQL, PostgreSQL) | • VS Code, IntelliJ Idea, Android Studio |
| • ReactJS                                 | • NodeJS                                 |

## **SOFT SKILLS**

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- COMMUNICATION
- CRITICAL THINKING

## **EDUCATION**

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**UNIVERSITY OF MUMBAI,**  
*B.E. in Computer Engineering*

**Shahapur, Thane**  
**2020-2024**

**HSC**  
*Science*

**Shahapur, Thane**  
**2018-2019**

## **PROFESSIONAL COURSES**

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**IT VEDANT INSTITUTE,**  
*Master's in data science, Data Analytics with Artificial Intelligence*

**Kalyan**  
**(CURRENT) 2024**

**INTELLIPAAT,**  
*IBM Blockchain Certification*

**SHAHAPUR**  
**(3 MONTHS ) 2023**

**FUTURESKILL PRIME**  
*Data Science 360*

**ONLINE TRAINING**  
**(1 MONTH) 2023**

**INTERNSHALA TRAINING,**  
*Frontend Framework ReactJS*

**ONLINE TRAINING**  
**(2 MONTHS) 2023**

**YHILLS EDTECH,**  
*Programming in Java Certification with Internship*

**ONLINE TRAINING**  
**(2 MONTHS) 2023**

**MIND SCRIPT**  
*Android Development – Internship and Workshop*

**SHAHAPUR**  
**(15 DAYS) 2022**

## **VOLUNTEERING**

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**National Service Scheme (SSJCET NSS UNIT)**

*NSS Volunteer for 2 years. 7 days NSS residential camp, NSS Leadership Training Program Camp and all other NSS activities.*

**Association Of Computer Engineering Students (ACES)**

**-Head of Technical Committees**

*Managing all the technical aspects of department and college level events.*