

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

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.
- Enhanced facial recognition reduced fake votes and secure decentralized and transparent voting environment.
- Increased Voting percentage by at least 20% as voter can cast vote from anywhere without visiting polling booth.

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
- 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

- COMMUNICATION
- CRITICAL THINKING

EDUCATION

UNIVERSITY OF MUMBAI,
B.E. in Computer Engineering

Shahapur, Thane
2020-2024

HSC
Science

Shahapur, Thane
2018-2019

PROFESSIONAL COURSES

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

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.