

Atharva Wagh

Software Developer

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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

•K. J. Somaiya Institute of Technology, Mumbai

Bachelor of Technology in Information Technology(Blockchain)

2020-24

CGPA: 9.59

PERSONAL PROJECTS

•Peer to Peer Renewable Energy transfer Platform.

Energy trading platform implemented using Ethereum (truffle) Blockchain

- Intuitive web-based platform for secure energy trading between sellers and buyers.
- Decentralized network for transparent and trust-less transactions.
- Technology Used: Reactjs, Flask, Embedded C (for IoT), Web3.js, AWS(Cloud), Polygon, Solidity, MongoDB, Python, GoogleAuth

•College Admission Prediction System

A web application developed with Ensemble Learning to predict the probabilities of a student getting an admit based on their profile .

- Used Bagging technique to classify and predict Institutes based on student profiles
- Pre-Processed data from 3 academic rounds for past 5 years from official government exam databases
- Used GoogleOAuth for User Authentication
- Technology Used: Reactjs, Flask, MongoDB, Pyhton, Numpy, Pandas, Sci-Kit learn

•Virtual Blockchain Lab

A virtual lab platform developed with the idea of implementing core blockchain fundamentals in a simulated and controlled environment.

- Developed a web-based virtual lab for students to learn core fundamentals of blockchain
- Developed features like block mining, smart contract deployment, wallet usage and observation analysis
- Technology Used : Web3.js, React-js, Truffle, Ganache, Solidity, MetaMask.

EXPERIENCE

•E-Commerce Web Developer

Dec 2022 - May 2024

Mabella SkinCare

Offline

- Optimized website performance, resulting in a 20% decrease in page load times resulting in subsequent increase in average session duration.
- Designed and deployed interactive product visualization features, leading to a rise in user engagement with product pages.

•Desktop App Development

Feb 2024 - May 2024

Social Activities Integration (SAI)

Offline

- A comprehensive donor management and legal documents generator desktop application was proposed and developed for the given problem statement by SAI
- Designed and deployed a MongoDB cluster and, the Express js server on AWS cloud platform, where query optimization and cost effectiveness was prioritized
- Best practices were employed while designing the front-end desktop application. Electron framework was used through typescript which ensured a seamless user interface and experience

•Web Dev at IEEE-KJSIT

Jul 2022 - Dec 2022

K J Somaiya Institute of Technology

Offline

- Employed best practices to develop a professional and engaging website for the IEEE-KJSIT Committee
- Gained strong knowledge of architectural best practices, such as AWS Well-Architected Framework, security, performance, and cost optimization.

TECHNICAL SKILLS AND INTERESTS

Languages and Tech Stack: Java, Python, Javascript, SQL, Typescript, Flask, ExpressJs, NextJs, ElectronJs, Numpy, Pandas, ReactJs, MongoDB, Firebase, Relational Database(mysql), AWS services

Relevant Coursework: DSA, OS, DBMS, Software Engineering, Cloud Computing Services, ML and DL, Computer Networks

POSITION OF RESPONSIBILITY

–Tech Admin IEEE-KJSIT Renaissance Tech Fest - KJSIT, Mumbai

Apr 2022 - Apr 2023

- * Managed the AR/VR Experience event which serviced 176 attendees contributing to 46% of the total revenue.
- * Designed and Developed the official website of IEEE-KJSIT with co-developers in the team.