AKSHAY MATRE

CONTACT

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WORK EXPERIENCE

Technical Analyst Head
TIF VIT, Pune
Sept 2021- Present

Coordinator
TRF VIT, Pune
Jun 2019 - Dec 2019

Volunteer
Dakshana Foundation India
Dec 2019

SKILLS

TECHNICAL SKILLS

- C , C++, Java
- JavaScript , Python
- Web Development (MERN)
- Machine Learning
- Data Science

CORE SKILLS

- Leadership and Team Management
- Strategic Planning and Execution
- Pressure Handling and Multitasking

INTERESTS

- Reading Financial Books, Articles, News
- Analysis of Business & Investors Case Study

EDUCATION

- B.Tech in Computer Engineering
  Vishwakarma Institute Of Technology, Pune
  Present   8.59
- Higher Secondary School Certification (CBSE Board)
  Jawahar Navodaya Vidyalaya, Ahmednagar
  05/2018,   92.60%
- Secondary School Certification (State Board)
  Samarth Madhyamik Vidyalaya, Karjat
  05/2016,   92.00%

CERTIFICATES

- **Full Stack Web Development With React (specialization course) :** The Hong Kong University - Certified 2020 Coursera Certification
- **Machine Learning (specialization course) :** University of Washington - Certified 2020 Coursera Certification
- **Applied Data Science with Python (specialization course) :** University of Michigan - Certified 2020 Coursera Certification
- **Qualys Merit Scholarship :** Qualys Pvt Ltd - Certified 2019

PROJECTS

Let's Meet: Video Conferencing Application | NodeJS, Socket.io, PeerJS, ejs

- Developed a video communication application that allows users can start a meeting or join an ongoing meeting. They can chat, mute/unmute themselves and turn on/off their camera in between the meeting
- Used socket.io for establishing real time two way communication between client and server.
- Used PeerJS for complete and easy to use peer to peer connection and used Universally Unique Identifier (uuid) for generating unique id for each conference.

Traveller's Path Finder | JavaScript, P5.js, Genetic Algorithm, HTML, CSS

- Developed a web application where user can choose cities in India among 27 cities where user wants to travel.
- Platform will give shortest possible path to travel all the cities hence saving energy and expenditure of the user.
- Visualized using p5.js library of JavaScript and used genetic algorithm to detect the shortest path.

Text editor by using stacks | c++

- Two stacks are used to represent the contents where the cursor is. One stack will represent all the contents left of the cursor while the other stack will represent all the contents right of the cursor.
- Performed basic operation like Redo, Undo, Delete, Replace, Write, Print by using stacks.