SHIVANSHU SURYAKAR

M.Tech – Data Analytics
Gender: Male
Date of Birth: 19/02/2001
E-mail : tp@nitt.edu
Contact : +91-431-2501081

Educational Qualification

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2024	M.Tech Data Analytics	NIT, Trichy	0*
2022	B.Tech CSE	Government College of Engineering, Jalgaon	9.45
2018	Class XII	Jawahar Navodaya Vidyalaya, Washim, CBSE	91.4%
2016	Class X	Jawahar Navodaya Vidyalaya, Washim, CBSE	93.6%

Internship Experience

- **Data Analytics Intern (Research)**: *Jun 2021 - Jul 2021*
  Underwent an Internship by **Rizsoft Technology**. The internship involved research about the Frequent Pattern mining algorithm - **Apriori Algorithm optimization**. The internship involved understanding of the Algorithm and developing a way to optimize candidate set generation and support calculation using techniques like Masking and Hashing.

Projects

- **Smart Feedback Assistant:** *May 2021*
  A Machine learning model was built which **predicts human emotions** based on facial expressions. **Landmark detection** was used for identification of facials landmarks and **KNN** was used for clustering of Emotions. The applications involved predicting honest review about Movie, Software, Song, etc.

- **Scheduler Algorithm:** *July 2021*
  A Scheduler algorithm was made to **create user's personalised schedule** for the day. User only needs to mention the tasks which they want to perform and a new schedule will be created for them based on their tasks' priorities. Important features are this schedule considers user's fixed tasks and does not overfit.

Technical Skills and Certifications

- Programming Languages　: C, C++, Python
- Engineering Software　　: Octave
- Other Software　　　　 : Microsoft Word, PowerPoint, Excel
- Certifications　　　　　 : Machine Learning (Coursera offered by Stanford University/Online)

Areas of Interest

- Data Structures and Algorithms
- Machine Learning
- Data Mining
- Web Development

Positions of Responsibility

- **Leader, Software Development Cell, GCOE Jalgaon:**　　　　 *Aug 2021 – July 2022*

  Worked as the Head of the Software Development Cell (SDC) at GCOE Jalgaon. SDC, an entity in the college which provided technical assistance to students. The main responsibility of the cell was to develop projects for the college and provide assistance related to Internet, Software Installations, etc.

- **President, CSE Department, GCOE Jalgaon:**　　　　 *Aug 2021 – July 2022*

  Worked as a President of Computer Engineering Department at GCOE Jalgaon. As a representative of the Department the responsibilities included solving problems of students of the department and maintain smooth coordination between students and College administration.

- **Departmental Coordinator, Tech-Carvaan, GCOE Jalgaon:**

  Worked as Departmental Coordinator of CSE Department in College Annual Event (Tech-Carvaan). As a part of responsibility 2 Technical and 2 Non-technical events were conducted smoothly during the Annual Event.

Extracurricular Activities

Social Activities:

- Worked as volunteer in **Polio distribution camp** as a part of awareness program organised by Government of India.

Sport Activities:

- Represented Pune Region at **National Level (U-17)** in **Volleyball**, at JNV Rajnandgaon (CG) which was organised by NVS.
- **Won Inter-Departmental Volleyball** competetion– organised by GCOE Jalgaon.

Cultural Activities:

- Passed **Level-3** of Harmonium exam.
- Was part of Musical Band "Naadgandh" in GCOE Jalgaon.
- Was part of Art Club and Music Club in JNV Washim.