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**Educational Qualification**

**SHIVANSHU SURYAKAR**

M.Tech – Data Analytics

Gender: Male

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| **Year** | **Degree/Examination** | **Institution/Board** | **CGPA/Percentage** |
| 2024 | M.Tech  Data Analytics | NIT, Trichy | 9.3\* |
| 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**

* **Web Development Intern - KodeIT Solutions:**  *Jun 2020 - Jul 2020*

Developed the frontend **(Angular, HTML, and CSS)** for PassCounter (Event management website) and also for a Grocery shopping website. The other responsibilities involved conducting and coordinating online Technical event (Google It) and non-technical event (Gift of Gab) for students across Maharashtra.

* **Data Analytics Intern (Research) - Rizsoft Technology** *Jun 2021 - Jul 2021*

Proposed an **Optimised** **Apriori Algorithm** which is a Frequent Pattern mining algorithm. Developed a way which optimizes candidate set generation and support calculation stages of the algorithm using Masking and Hashing.

**Projects**

* **Smart Feedback Assistant:** *May 2021*

Built a machine learning model which **predicts human emotions** based on facial expressions. Used **Landmark detection** for identification of facials landmarks and **KNN** for clustering of Emotions. The applications involved predicting honest review about Movie, Software, Song, etc.

* **Scheduler Algorithm:** *July 2021*

Developed a scheduler algorithm which **creates user’s personalised schedule** for the day using **Python** and **Django**. 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
* Databases : MySQL, Raven DB
* Other Software & Tools : Microsoft Word, PowerPoint, Excel, Selenium
* 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 provides technical assistance to students. Under my leadership, we developed Annual Event website, Registration portal and Alumni website for the college and provided assistance related to Internet, Software Installations, etc. to students.

* **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 organised workshops for students, addressed grievances of students to the department and ensured smooth coordination between students and college administration.

* **Departmental Coordinator, Tech-Carvaan, GCOE Jalgaon:** *Aug 2021 – July 2022*

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

**Extracurricular Activities**

***Social Activities:***

* + Volunteered 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** competition– organised by GCOE Jalgaon.

***Cultural Activities:***

* + Passed **Level-3** of Harmonium exam.
  + Member of Musical Band “Naadgandh” in GCOE Jalgaon.
  + Member of Art Club as well as Music Club in JNV Washim.