

## SUMMARY

Data driven engineer out to find patterns in the world. Result oriented, passionate, enthusiastic and reliable individual with certain creative flair. Developed an excellent set of skills along with considerable practical know-how. Ready to make a positive contribution and bring useful business insights for the growth of organization.

## EDUCATION

Degree	College/Institution	Department/Board	Year	CGPA/Percentage
Master of Technology (Modelling & Simulation)	Defense Institute of Advanced Technology, Pune	School of Computer Engineering & Mathematical Sciences	2021 – 2023 (Pursuing)	8.39/ 10
Bachelor of Technology (Mechanical Engineering)	Dayalbagh Educational Institute, Agra	Mechanical Engineering	2016 – 2020	7.44/ 10
Grade XII	St. Andrews Public School, Agra	C.B.S.E.	2015 – 2016	87.2/ 100
Grade X	St. Andrews Public School, Agra	C.B.S.E.	2013 – 2014	10/ 10

## INTERNSHIP AND PROJECTS

### Project Intern at Indian Institute of Tropical Meteorology

 June 2022 – Ongoing  Pune, Maharashtra

Working on developing a system that can post-process forecasts in a probabilistic manner for rainfall prediction. The main component is to build a pythonic library that will contain all the probabilistic models.

- **Tools Used:** Python, Linux server
- **Skills Acquired:** Python OOPs, handling multi-dimensional datasets using NumPy and Xarray, Data visualization using matplotlib, Conceptual clarity of machine learning ensemble techniques, Linux basics
- **GitHub Link:** [https://github.com/Lovish1619/Probabilistic\\_Forecasts](https://github.com/Lovish1619/Probabilistic_Forecasts)

### Project Intern at Tata Motors Private Limited

 April 2019 – August 2019  Jamshedpur, Jharkhand

Worked in **Productivity Services Department** to learn the motion and time study methods to increase the **Measure of Performance**.

- **Tools Used:** MS Excel, MS Word, MS PowerPoint
- **Skills Acquired:** Professional Proficiency in MS Office, Industrial Etiquette.

## PERSONAL END TO END PROJECTS

### Universal Recommender System

A system dedicated to recommend quality content to the users for various products.

- **Tools Used:** Python, PyCharm IDE, Jupyter Notebook, Flask Framework, Docker, Git
- **GitHub Link:** [https://github.com/Lovish1619/Universal\\_Recommender\\_System](https://github.com/Lovish1619/Universal_Recommender_System)

## CERTIFICATIONS

### Full Stack Data Science Course from INeuron Intelligence Pvt. Limited

- **Topics Covered:** Python OOPs, Machine Learning, AIOPS, End to End Project Implementation
- **Link:** [https://drive.google.com/file/d/1FnHg1NtH0s3D8Abl-sK5uaAbHJaQ6znL/view?usp=share\\_link](https://drive.google.com/file/d/1FnHg1NtH0s3D8Abl-sK5uaAbHJaQ6znL/view?usp=share_link)

## EXTRA-CURRICULAR ACTIVITIES

- Gold medalist in annual Chess Championship held at Indian Institute of Tropical Meteorology, Pune
- Served as class prefect for the session 2016-17.
- Participated in NSS Camp and progressively worked in rural areas of Agra.
- Served as Discipline In-Charge in the school cabinet.
- Represented my school at National Level in Quiz Competition Bharat Ko Jano.

## SKILLS

**Languages:** Python

**Tools:** MS Office

**Techniques:** OOPS, Statistics, Machine Learning, Data Structures & Algorithms

**AIOPS:** LINUX, Git, Docker

**Databases:** MySQL