

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

Developed statistical models for probabilistic post-processing of gridded atmospheric variables from scratch using techniques such as Ensemble Model Output Statistics, Analog Ensemble and Quantile Regression.

- **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

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, VS Code IDE, Jupyter Notebook, Flask Framework, Docker, Git
- **GitHub Link:** 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

SKILLS

- **Languages:** Python, SQL
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn
- **Tools:** MS Office, VS Code, Jupyter Notebook
- **Techniques:** OOPS, Statistics, Machine Learning, Data Structures & Algorithms
- **AIOPS:** LINUX, Git, Docker
- **Databases:** MySQL
- **Good Aptitude** to learn and apply new technologies

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.