

VARSHAA D 5TH YEAR MSC DATA SCIENCE INTEGRATED

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PROFILE

To associate as a ardent data analyst with an organization to demonstrate the inventive abilities and to work in a position where the knowledge and skills are used effectively, providing a chance to advance in the professional career and thereby help the company expand.

EDUCATION

Coimbatore Institute of Technology 2020 – present | Coimbatore, India
5 year Integrated MSc Data Science - **CGPA:** 9.73 (Upto 8th Semester)

N.S.N Memorial Senior Secondary School 2017 – 2020 | Chennai, India
HSC (CBSE) - 94.4% SSLC (CBSE) - 95.8%

PROFESSIONAL EXPERIENCE

THOROGOOD ASSOCIATES - Data and AI Consultant Jun 2023 – Nov 2023 | Bangalore, India

- Performed analysis, design, development, testing and implementation by mastering in multiple technologies. Worked with our global teams to provide effective solutions and with our experts to help clients develop their business.
- In specific, our main objective was to load & transform data through Azure Databricks, which was managed by Azure Data Factory and finally deliver the data in the form of Power BI reports.

PROJECTS

PICTURE PROBE HUB

To upload a picture and initiate a comprehensive search across various online platforms to check where the uploaded picture exists on the internet. The results are then elegantly presented to the user in the form of clickable links.

Tools: Python, Flask

TALENT ACQUISITION COMPANION

To design and implement a multi-faceted project empowering students during placement drives, incorporating modules for profile summarization, skill assessment, professional network analysis and preparation guidance to enhance career opportunities by utilizing NLP and data visualization techniques.

Tools: Python, Streamlit, MySQL, NLP

PREDICTIVE MODELING IN STOCK TRADING

The stock prices over the years were analyzed through AWS dataset. The best machine learning model in Python was used to estimate the stock value. Finally, visualizing the results to effectively illustrate stock trends and predictions to meet specific analytical needs.

Tools: Pig, Hive, Pyspark, Power BI

AREAS OF INTEREST

Statistics | DBMS | Data Analysis & Visualization | Machine Learning

SKILLS

TECHNICAL SKILLS

Programming Languages: Python, R, Pig, Hive, C++, Pyspark, SparkSQL

Frontend: Django, Flask

Backend: MySQL, Oracle

Platform: Microsoft Azure

Tools: Databricks, Data Factory, Power BI

SOFT SKILLS

Leadership, Adaptability, Problem Solving, Teamwork, Time Management

RESPONSIBILITIES

Joint Secretary - Student Union Board of CIT

Head of Events - Datalytics CIT

Editorial Team Lead - GeeksForGeeks Student Chapter CIT

CERTIFICATES

Hackerrank (SQL (Basic)) | **Simplilearn** (Machine Learning) | **Spoken Tutorial Project, IIT Bombay** (Python) | **DataBricks Academy** (Databricks Fundamentals) | **Databricks Academy** (Generative AI Fundamentals) | **TigerGraph Associate Certification** (TigerGraph)

ACCOMPLISHMENTS

- Presented a paper titled "**Preserving Privacy in Healthcare Analytics: Federated Learning for Breast Cancer Prediction**" in Hinweis Second International Conference on Advances in Information, Telecommunication and Communication - AITC
- Published a chapter "**Fundamental of Data Structures**" in the book "Advanced Applications of Python Data Structures & Algorithms" by IGI Global
- Presented a paper titled "**Data Analysis on IPL Matches**" in 2nd Virtual National Conference on Mathematical Modeling and Computation 2021 (NCMMC2021)