

# CHINMAYA M R

Aspiring Data Scientist

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## ABOUT:

A motivated student with a strong interest in AI, I actively seek opportunities to gain practical experience and contribute to data-driven projects in Computer Science and Data Science and Application. With a solid foundation in both fields, I'm highly motivated to apply my knowledge and passion for AI. I am eagerly looking forward to joining the workforce, where I can make a meaningful impact and help drive innovation. Looking forward to utilizing these skills in the data science industry.



## EDUCATION:

2023	<b>Imarticus Learning</b> <ul style="list-style-type: none"> <li>Post-Graduation in Data Analytics <ul style="list-style-type: none"> <li>Statistics Fundamentals</li> <li>Data Science with Python</li> <li>Big data and Hadoop</li> <li>SQL Programming</li> <li>Data Visualization with Tableau and Power BI</li> </ul> </li> </ul>	Chennai, India
2020 - 2024	<b>Chennai Institute Of Technology</b> <ul style="list-style-type: none"> <li>Bachelor of Engineering in Computer Science (83%)</li> </ul>	Chennai, India
2021- ongoing	<b>Indian Institute of Technology, Madras</b> <ul style="list-style-type: none"> <li>Bachelors of Science in Data Science (72.3%)</li> </ul>	Chennai, India

## CAPSTONE PROJECTS:

Project Title:	Solar Lumina Forecast
Project Outcomes:	<ul style="list-style-type: none"> <li>Developed an advanced predictive model using machine learning techniques.</li> <li>Achieved accurate estimation of solar radiation levels. (93.77%)</li> <li>Utilized a diverse dataset, incorporating time, date, temperature, and humidity parameters.</li> <li>Created a robust forecasting tool for solar radiation.</li> </ul>
Project Title:	Visage Vigil
Project Outcomes:	<ul style="list-style-type: none"> <li>Collaborated on implementing a real-time face recognition system.</li> <li>Utilized Histogram of Oriented Gradients (HOG) for accurate feature extraction.</li> <li>Achieved real-time face detection and recognition in dynamic environments.</li> <li>Implemented an attendance tracking system integrated with Excel for efficient record keeping.</li> </ul>
Project Title:	StellarCarto
Project Outcomes:	<ul style="list-style-type: none"> <li>Developed Pix2Pix GAN-based system to convert satellite images into detailed maps.</li> <li>Curated a dataset of 1,096 images, combining satellite views with cartographic representations.</li> <li>Explored alternative training methods to address computational constraints.</li> <li>Demonstrated the interplay between dataset size and training duration for model adaptability.</li> </ul>

### ADDITIONAL QUALIFICATIONS / CERTIFICATIONS:

- Cambridge English Language Assessment (February 2018)
- IIT Madras Ethical Hacking Workshop (TECHNO WORKSHOP SERIES)
- Foundation level completion in IIT Madras Online Degree in Programming and Data Science
- AMCAT certification

### SKILLS:

Technical Skills	Proficiency	Soft Skills	Proficiency
Statistical Methods (Predictive Analysis, Hypothesis testing, PCA, Text Analytics, Univariate and Bi-variate analysis)	<b>8</b>	Problem Solving	<b>7</b>
Machine Learning (Classification, Regression, Clustering techniques, Decision trees.)	<b>9</b>	Decision Making	<b>7</b>
Deep Learning (Convolutional Neural Network, Recurrent Neural Network, Natural language processing)	<b>7</b>	Leadership	<b>6</b>
Programming Languages (Python, SQL, MySQL)	<b>9</b>	Public Speaking	<b>6</b>
Data Reporting tool (Matplotlib, Seaborn, Tableau, Power BI)	<b>9</b>	Creativity	<b>7</b>
Microsoft (General Office and Presentation)	<b>8</b>	Written Communication	<b>8</b>

*\*Levels of proficiency: 1 to 5 – Basic; 6 to 8 – Intermediate; 9 to 10 – Advanced*

### PERSONAL INFORMATION:

Address: VGN Minerva, Nolambur, Chennai - 600095  
 Father's Name: Ravikumar M R  
 Date of Birth: 03/04/2003  
 Languages Known: English (R/W/S), Tamil (R/W/S), Hindi (S), Kannada (S),