

VARSHA SHIBU

mevarsha2002@gmail.com | +91-9446352983 | <https://www.linkedin.com/in/varsha-shibu-5b586a233>

EDUCATION

M.Sc. Data Science from Vellore Institute of Technology, Chennai	2023-PRESENT
8.7 CGPA	
B.Sc Mathematics from CMS College(Autonomous), Kottayam	2020-2023
8.85 CGPA(Sem 1 & 3 Topper and Top 4 in class)	
AISSE in Biology Science from Girideepam Bethany Central School, Kottayam	2018-2020
93.4%(English Topper and Top 5 in Class)	
AISSE from Vimalambika Public Senior Secondary School, Kottayam	2004-2017
92.4%(Mathematics Topper and Top 3 in School)	

EXPERIENCE

- **TIFR Centre for Applicable Mathematics (Bangalore)** - Summer Research Scholar (2023) | Explored machine learning applications in complex mathematics using Python programming
- **Sargakshetra 89.6 FM** - Radio Host and Producer (2022-Present) | Leveraged data analysis to tailor content to listener preferences and drive audience engagement
- **National Service Scheme (NSS)** (2020-2023) | Led volunteer activities, managed social media, and designed graphics, increasing follower engagement
- **Team Kerala** (2020-2022) | Honed analytical thinking, emergency protocols, and rapid crisis response skills, transferable to data science projects

TECHNICAL SKILLS

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|----------|------------|----------------------|
| • Python | • Power BI | • Excel |
| • R | • SQL | • Prompt Engineering |

KEY SKILLS

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|---------------------|--------------------------|--------------|
| • Collaborative | • Emotional Intelligence | • Articulate |
| • Solution-Oriented | • Proficient | • Resilience |

CERTIFICATIONS

- DBMS and SQL
- AWS:Elastic Load Balancing with Auto Scaling Groups
- My SQL for Beginners
- Mini MBA in Entrepreneurship
- Learn Excel Course from Beginners to Advanced
- Foundations of MS SQL
- Databases in Bioinformatics
- AI powered Prompt Engineering

PROJECTS

- Project on the topic “Linear Programming” under the guidance of Dr.Sindhu Thomas,Assistant Professor,CMS College(Autonomous),Kottayam
- Project on the topic “Fake News Detection using Machine Learning” under the guidance of Dr.BJ Balamurugan,Associate Professor(Snr),VIT (Deemed to be),Chennai
- Project on the topic “AI vs Encryption: Using Neural Networks to Break Ciphers” under the guidance of Dr. A Felix Assistant Professor (Sr Grade 2),VIT (Deemed to be),Chennai
- Project on the topic “Vocative:Mapping your Professional Destiny” under the guidance of Dr.Uma Maheshwari,Associate Professor,VIT(Deemed to be),Chennai

ACHIEVEMENTS & AWARDS

- Finalist for Outstanding Undergraduate Student Award of CMS College
- Government of Kerala Programme Presenter/2022
- District Level Declamation Winner / 2022,2021