

MS VAISHNAVI

ANIL LAVATE

Masters of Science
(Mathematics)

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📍 Baramati, Pune

Languages Known :-

• Marathi • Hindi • English

● Career Objective

A dedicated and enthusiastic Mathematics postgraduate seeking an opportunity to utilize my analytical, problem-solving, and technical skills in a professional environment. I aim to contribute effectively to organizational growth while continuously enhancing my knowledge and expertise.

● Qualifications

- M.Sc. Mathematics (2024-2026)
84.18% - Savitribai Phule Pune University, Pune
- B.Sc. Mathematics (2021-2024)
75.71% - Savitribai Phule Pune University, Pune
- HSC (12th) Maharashtra State Board (Feb 2021)
88.33% - Shri Chhatrapati Junior College, Bhavaninagar, Pune
- SSC (10th) Maharashtra State Board (March 2019)
88.20% - Shri Chhatrapati Girls High School, Bhavaninagar, Pune

● Teaching Internship

Karmveer Bhaurao Patil High School, Sagavi

- Completed teaching internship as part of academic training.
- Assisted in teaching Mathematics to school students.
- Prepared lesson plans and classroom activities.
- Helped students understand mathematical concepts and improve problem-solving skills. Developed communication, presentation, and classroom management skills.

● Academic Projects

I. Anomaly Detection in Network Traffic Using Machine Learning

- Analyzed network traffic data to identify unusual patterns and suspicious activities.
- Applied Machine Learning algorithms for anomaly detection.
- Performed data preprocessing, visualization, and analysis.
- Enhanced understanding of cybersecurity and network monitoring.

II. Hiding Information Within Multimedia Using Error Control Codes

- Developed a secure data hiding technique using multimedia files.
- Applied Error Control Codes to improve data reliability and integrity.
- Studied steganography techniques for secure information transmission.
- Evaluated methods for protecting hidden data from corruption and unauthorized access.

● Personal Details -

- Date of Birth : 10 March 2003
- Gender : Female
- Nationality : Indian

● Job Profile -

Linkedin :

<https://www.linkedin.com/in/vaishnavilavate-517816405/>

● Technical Skills

- Python Programming
- Machine Learning Basics
- Data Analysis and Visualization
- Network Traffic Analysis
- Cybersecurity Fundamentals
- Steganography Basics
- Error Control Codes
- MS Office (Word, Excel, PowerPoint)
- Mathematical and Statistical Analysis

● Strengths

- Analytical Thinking
- Problem-Solving Ability
- Quick Learner
- Teamwork & Collaboration
- Effective Communication
- Time Management

● Hobbies

- Reading • Mathematics Research
- Learning New Technologies
- Teaching and Mentoring