

Jiya Gayawer

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Education

S.R.M Institute of Science and Technology

Expected June 2026

B.Tech in Computer Science with specialization in Information Technology (GPA: 9.89)

Chennai, Tamil Nadu

- **Relevant Coursework:** Data Structures and Algorithms, Design and Analysis of Algorithms, Statistics for Machine Learning, Advanced Calculus and Complex Analysis, Operating Systems, Artificial Intelligence
- **Achievements:** Ranked 1st in department and awarded a performance-based scholarship.

Experience/Volunteer

Samsung R&D Institute, Bangalore

July 2024 - Present

PRISM Research Intern

Remote

- * Developing a traffic simulator using DPDK for high-performance network traffic monitoring and generation.
- * Implementing scalable multi-core solutions supporting thousands of servers/clients, enhancing network performance testing.

CodingNinjas SRM Club

Sep 2023 - Present

Head, Creatives

Chennai, Tamil Nadu

- * Designed engaging posters and social media content, boosting engagement by 60%
- * Led a team, coordinated with other domains, and oversaw project execution to ensure timely delivery and clear communication.

Projects

Spendr - Expense Tracker | HTML, CSS, Javascript, MySQL

[GitHub](#)

- Comprehensive system for managing personal expenses with CRUD operations.
- Implemented a dynamic dashboard with daily, monthly, and yearly reporting capabilities for insightful analysis.

Atmosphere - Dynamic Weather website | HTML, Bootstrap, Javascript

[GitHub](#)

- Programmed dynamic updates to display real-time weather conditions, enabling users to stay informed.
- Successfully integrated the OpenWeather API to fetch real-time weather data.

MarketView - Machine Learning | Python, Numpy, Pandas

[GitHub](#)

- Analyzed stock market data and events using sentiment analysis to evaluate market trends and predict stock movements.
- Utilized data processing techniques to assess the impact of news and sentiment on stock price fluctuations.

Technical Skills

Languages: Java, Python, HTML, CSS

Concepts: Artificial Intelligence, Machine Learning, Data Structures, Algorithms, Object Oriented Programming (OOP), Database Management Systems (DBMS), Statistical Analysis

Tools and Technologies: Git, Jupyter, Pandas, Numpy, Matplotlib, Scikit-learn, MySQL, Figma

Soft Skills

Teamwork and Collaboration: Worked closely with peers to develop projects, fostering a collaborative environment.

Communication: Effectively communicated ideas through both written and verbal channels.

Problem-Solving: Applied analytical reasoning and creativity to solve challenges in academic and personal projects.

Adaptability: Adjusted to new situations, adapted to shifting priorities, managed diverse tasks efficiently.

Time Management: Managed time effectively to meet deadlines and balance multiple responsibilities.

Certifications

[Data Science Fundamentals with Python and SQL](#) | *IBM*: Learned to use Data Science tools and techniques, including Jupyter Notebooks, Python basics, statistical analysis, and SQL.

[Machine Learning Foundation](#) | *AWS Academy*: Fundamental concepts and techniques in machine learning.

[Database Structures and Management with MySQL](#) | *Meta*: MySQL database management, data creation, querying, manipulation, and database normalization.