

Examination	University	Institute	Year	CPI/%
Pursuing	SRM Institute	SRM University	2023-2027	9.79
Intermediate/+2	HSC	Pace Junior Science College	2021-2023	67.00
Matriculation	ICSE	G.D. Somani School	2021	91.40

## SUMMARY

- Enthusiastic and driven sophomore in Computer Science with a focus on Data Science and a strong interest in Machine Learning. Possesses a solid foundation in programming, statistical analysis, and data manipulation using Python and SQL.
- Experienced in applying data visualization, exploratory data analysis, and basic machine learning algorithms to course-work projects. Quick to learn and passionate about leveraging data-driven solutions to solve real-world problems.
- Committed to expanding expertise in AI, big data, and predictive modeling, and eager to gain hands-on experience through collaborative data-focused projects.

## COURSE PROJECTS

- Stock Market Prediction Tool** (August'24-October'24)
  - Created a project to predict stock market prices for various stocks using Yahoo Finance as my database and streamlit as my web-app interface.
- Food Recipe App** (October'24-December'24)
  - I developed a food recipe application that fetches random recipes using the Spoonacular API. The app provides detailed information about each recipe, including ingredients and required equipment.
  - It was built using Android Studio, ensuring a smooth and user-friendly experience.
- ShopSphere** (January'25-May'25)
  - I have developed ShopSphere, a comprehensive full stack shopping application. The frontend is built using Flutter, while the backend is powered by PHP and MySQL.
  - This project is designed to deliver a seamless and efficient shopping experience.
- Cherry+ Network App** (April'24-Present)
  - Discover, create, and RSVP to local or online events.
  - Stay informed about likes, comments, messages, and event invites.
  - Join or create topic-based groups for discussions and collaborations.

## TECHNICAL SKILLS

- Machine Learning Algorithms:** K-Means Clustering, Neural Network, Logistic Regression
- Programming & Scripting Languages:** C, C++, Java, Flutter, Python
- Tools & Libraries:** MATLAB, OpenCV, Node.js, Express.js

## WORK EXPERIENCE & INTERNSHIPS

- Online Intern | Deuterium Consultants Private Limited** (January'25-Present)
  - I am interning remotely at this firm. My areas of work include using ML to interpret a variety of financial datasets to identify trading opportunities in the derivatives market.
  - I also wrote quantitative trading algorithms and backtested them to generate alpha.
- Business Analyst Intern | RSWM Ltd, LNJ Bhilwara Group** (June'25-August'25)
  - Analyzed operational and financial data from multiple manufacturing plants to identify performance trends and cost-saving opportunities.
  - Designed and built interactive Excel dashboards using pivot tables, slicers, and charts to visualize KPIs and enhance decision-making for senior management.
  - Automated data workflows and standardized reporting templates to improve efficiency and reduce manual processing time.
- Technical Member | Data Science Club** (October'24-Present)
  - Built and fine-tuned predictive models, such as linear regression, decision trees, and k-means clustering, for club projects. Optimized model accuracy through cross-validation and hyperparameter tuning.
  - Collaborated with team members to develop clear, well-documented code for data science projects.

- Conducted exploratory data analysis to uncover trends, correlations, and outliers, enhancing project insights through statistical summaries and visualizations using libraries like Matplotlib and Seaborn.
- **Technical Associate | Cherry+ Network Club** *(September'24-Present)*
  - Integrated backend services and APIs into applications, ensuring seamless data exchange and real-time updates. Worked with RESTful APIs and handled error management.
  - Developed and improved mobile and web applications, focusing on user experience, performance, and functionality using technologies like Flutter
  - Collaborating on the end-to-end development of the Cherry+ campus app, aimed at streamlining communication, event updates, and resource access for the entire student community.

## STRENGTHS

- **Problem-Solving and Adaptability**
  - I am quick to identify and resolve issues, such as last minute scheduling conflicts or unexpected cancellations.
- **Networking Abilities**
  - I have strong networking skills to connect with industry professionals, alumni, and companies, expanding opportunities for student placements and internships.
- **Organizational Skills**
  - I am organized, able to manage schedules, track student placements, and coordinate events efficiently.

## KEY ACHIEVEMENTS

- **Performance Scholarship**
  - I was awarded a performance scholarship for ranking in the top 10 of my department, reflecting my commitment to continuous improvement and consistent excellence.