

Rutuja Dayanand Birajdar

Phone: 9561350838

Email: birajdarrutuja2002@gmail.com

LinkedIn: www.linkedin.com/in/rutuja-birajdar-7541b227e GitHub: <https://github.com/RutujaBirajdar>

Summary

M.Sc. in Industrial Mathematics with Computer Applications (**IMCA**), passionate about **software and web development**, and continuous learning. Seeking to work in a dynamic technology company to apply my skills, contribute to impactful projects, and grow as a professional.

Education

M.Sc. (Industrial Mathematics with Computer Applications)

From Savitribai Phule Pune University, 2025 | **CGPA: 7.7**

B.Sc. (Physics, Chemistry, Mathematics)

from Maharashtra Mahavidyalaya, Nilanga 2023 | **CGPA: 9.79**

H.S.C. (12th)

from Maharashtra Mahavidyalaya, Nilanga 2020 | **Percentage: 70%**

S.S.C. (10th)

from Maharashtra Vidyalaya, Jewari, 2018 | **Percentage: 87%**

Technical Skills

- **Programming Languages:** Java, C, C++, SQL
 - **Web Technologies:** HTML, CSS, Servlet,
 - **Software Development:** Object-Oriented Programming (OOP), SDLC
 - **Database Management:** MySQL
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Projects

1. Title : Convex Hull Implementation

- Implemented **Jarvis's March algorithm** to find the convex hull of **2D** points.
- The Implemented using **C++** in **Visual Studio** for accurate and efficient execution.
- This project highlights the use of computational geometry in real-world applications.

2. Hotel Management

- Developed a Hotel Management System using Java to manage room bookings, customer data, and billing.
 - Implemented database connectivity with **JDBC** for storing and retrieving hotel records securely.
 - Used **Eclipse IDE** for project development, debugging, and application testing.
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Certification and Tools

- **Certificate** - Java Fullstack Development course by Symbiosis (Sponsored by Capgemini).
 - **NSS Candidate** - Participated in social initiatives and teamwork-driven projects.
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Languages

English, Hindi, Marathi

Address :

Permanent Address: At Sangvi, Tal: Nilanga, Dist: Latur, Maharashtra, Pin Code 413521.

Local Address: Ladies Hostel 8 SPPU Ganeshkhind ,Pune 411-007

I hereby declared that all the above information provided above is true to the best of my knowledge