

# Richa Rath

Upcoming Software Engineering Intern at Microsoft - Summer, 2025.

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GitHub: <https://github.com/RiRa25> | LinkedIn: <https://www.linkedin.com/in/richa-rathi-775871257/>

## Education

- **MKSSS's Cummins College of Engineering for Women** Pune, Maharashtra  
BTech Electronics and Telecommunication, CGPA: 9.37/10.0 2026  
Honours in Data Science.
- **MT Balwadkar Jr College** Pune, Maharashtra  
12th Class - HSC, Score: 80.7% 2022
- **Akshara International School** Pune, Maharashtra  
10th Class - CBSE, Score: 94.6% 2020

## Programming and Technical Skills

- **Proficient in:** C, Java, Machine Learning, HTML/CSS, JDBC, Tableau & Power BI.
- **Familiar with:** JavaScript, Python, JDBC, SQL.

## Projects

- 1) **Generic File Base Database Management System** [GitHub](#)  
Created a C program with file handling to create a new C program and to compile it dynamically. Implemented record creation, reading, and deletion. Utilized CSV files for streamlined data management.
- 2) **CertiGen - Certificate Generator** [GitHub](#)  
CertiGen is a web application that generates the award certificates. Developed using Java and HTML / CSS, CertiGen provides an easy-to-use interface to upload SVG template and a CSV data file for generating final certificate images.
- 3) **Pandas DataFrame in Java** [GitHub](#)  
Developed a Java DataFrame library similar to Python's Pandas for tasks like sorting, filtering, and CSV handling, simplifying data analysis for Java developers
- 4) **Loan Approval Prediction** [GitHub](#)  
Made a loan classification model with 98.1% accuracy using SVM, Random Forest, Linear Regression and preprocessing.

## Achievements

- Secured internship offers from **Microsoft** and **Wells Fargo** for Summer 2025.
- **Competitive Programming**
  - Solved 400+ problems on **LeetCode**.
  - Earned two '5 Stars' badges and certificates in 'Java', 'SQL', 'Problem Solving' & 'Software Engineer Intern' on **HackerRank**.
- **Teachnook Certification** in Web Development IIT Bhubaneswar - May, 2023
- **Loop Buffer 4.0 - 1st place** in First Year Category CCOEW, 2023
- **Loop Buffer 5.0 - 1st place** in Second Year Category CCOEW, 2024
- **Mentee at Codess Cafe** June, 2024
- **Top 5 in E&TC Department**
- **Participated in** Hacktoberfest, Code-IT (ACM), Dassault Hackathon, Barclays Hackathon, DSA Craft (Innovation 2024), Vizathon 2.0 (VIIT).

## Responsibilities

- **FiSOC - Finance Club of CCOEW, Pune** - Head of PR and Operations Team  
Contributed to organizing the "Trade Trek" event in our college tech fest - "Innovation"
- **LOOP - DSA Club of CCOEW, Pune** - Technical Organiser.
- **Ecell Yukta - Entrepreneurship Cell of CCOEW, Pune** - Part of the Operations Team  
Headed the "Money Multiplication" game at the "Empulse" entrepreneurial fest.
- **AICVS - Artificial Intelligence and Computer Vision Society** - Part of the PR and Sponsorship Team