

# Kshitij Bhushan Mahajan

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## SUMMARY

To enhance professional skills, utilize technical and soft skills in an innovative work environment, and collaborate with creative individuals to expand knowledge and capabilities.

## EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems  
Master of Science

New York City, New York  
September 2023 – May 2025

Rajiv Gandhi College of Engineering and Research  
Bachelor of Engineering | Concentration: Computer Science and Engineering | CGPA- 9.5/10

Nagpur, Maharashtra  
July 2019 - June 2022

## RELEVANT COURSEWORK

Intro to Comp Science with Java | Object Oriented Programming | Database Management System

## TECHNICAL SKILLS

Programming Languages: C, C++, HTML, CSS, JavaScript, introductory knowledge of Java and Python

Software/Tools: VS Code, IntelliJ Idea, MySQL

Certifications: Programming for Everybody with Python, Oracle Java SE 8 Fundamentals

## ACADEMIC PROJECTS

**Wearable Obstacle Sensing System for Visually Impaired Person** August 2021 - May 2022

- Engineered an IoT-powered solution catering to the visually impaired, seamlessly merging sensor data with a mobile application for heightened impact.
- Spearheaded a team of five to create a user-friendly system that significantly reduced accidents by delivering real-time hazard alerts through synthetic voice commands. Additionally, the system's distress location services ensured immediate assistance, enhancing safety measures.
- Published a research paper in the prestigious international conference "ICTMSME 2022", showcasing the impact of the work.

**Patient Index Form Generator at Multispecialty Hospitals** August 2020 - September 2020

- Competed in a Government Medical College challenge, designing a dummy patient form generator for five department-specific data retrieval and field population needs from a web app.

## EXPERIENCE

**Samprati Foundation** Nagpur, Maharashtra  
Frontend Developer Intern January 2019 – August 2020

- Incorporated HTML, CSS, and JS to transform mock-ups into an interactive web-page, promoting an NGO's mission to encourage over 200 educated individuals in a small town to volunteer and educate underprivileged students on weekends.
- Gathered valuable knowledge and practical experience while contributing to the web development of a meaningful social cause.

## LEADERSHIP

**Rajiv Gandhi College of Engineering and Research** Nagpur, Maharashtra  
Training and Placement Student Council Head August 2021-April 2023

- Led the Student Council for the Training and Placement Cell, attracting tech companies to conduct junior students' placement drives, aiding 300+ students in securing jobs.
- Collaborated with a team of four colleagues to organize "Campus Recruitment Training" sessions and "Aptitude Development Workshops" for junior batches, sharing expertise and serving as guest instructors for two affiliated colleges.

## ACHIEVEMENTS/ ACTIVITIES / VOLUNTEER WORK

- Collaborated in the "Sakura Exchange Program in Science" as part of the first ever "Japan-Asia Youth Exchange" program, sponsored by the "Japan Science and Technology Agency". Japan, May 9-16, 2015
- Achieved the First Prize in the "West Zone" category, which represented six states, at the "Inspire Awards National Level Exhibition and Project Competition" in 2013. Delhi, India  
October 8-10, 2013