

Kshitij Bhushan Mahajan

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EDUCATION

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

Object Oriented Programming | Mobile Web Content and Development | Algorithms and Computing Theory | Database Management

TECHNICAL SKILLS

Programming Languages: C, C++, HTML, CSS, JavaScript, Java, SQL, basic knowledge of Python

Frameworks/Tools: Firebase, React, Ionic, Visual Studio Code, IntelliJ Idea, Git, Oracle DBMS, MySQL

Certifications: Learning MySQL Development (LinkedIn), Oracle Java SE 8 Fundamentals, Technical Support Fundamentals (Google)

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.

Urban Alert April 2024 - May 2024

- Developed a mobile web app for local residents to report community issues (e.g., potholes, water leakages) with minimal interaction, using geolocation for precise location reporting and ensuring device compatibility through React, Ionic, and geolocation APIs.
- Led front-end and backend integration, achieving high user satisfaction and fostering community engagement by streamlining the issue reporting process.
- Technologies: HTML, CSS, React Hooks, Node.js, Ionic Framework, Firebase Hosting, TypeScript, Geolocation API

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 President of the Student Council-2022 Batch and Training and Placement Student Council Head August 2021-April 2023

- Worked as the President of the Student Council, giving my inputs in solving Student problems and leading all Event Organization teams. Led the Student Council as the President and Head of 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, May 9-16, 2015
"Japan-Asia Youth Exchange" program, sponsored by the "Japan Science and Technology Agency".
- Achieved the First Prize in the "West Zone" category, which represented six states, at the Delhi, India
"Inspire Awards National Level Exhibition and Project Competition" in 2013. October 8-10, 2013