

Ritika Katoch

+91 7876826836 | ritikakatoch1228@gmail.com | [linkedin.com/in/ritikakatoch](https://www.linkedin.com/in/ritikakatoch) | github.com/ritikakatoch

TECHNICAL SKILLS

Languages: Java, Python, C/C++, C#, SQL, JavaScript, HTML/CSS, React.js, Next.js, Node.js
Developer Tools: Git, Github, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Figma, UiPath

EXPERIENCE

Philips

Bengaluru

Software Development Intern

Jun 2023 - Apr 2024

- Developed a proprietary workflow coverage tool that provided detailed workflow coverage assessments during unit testing, significantly enhancing code quality and reducing post-release defects by 35%.
- Designed and implemented the 'Parallel Scripts Executor' as part of the Software Excellence framework, facilitating efficient multithreading of processes. Subsequently, system performance was substantially improved by integrating parallel execution strategies. This enhancement not only elevated code quality but also boosted processing speed by nearly 57%.
- Enhanced the internal code quality tool 'Quality at Desk' by developing and implementing advanced validators, resulting in a 25% increase in code quality and increasing code review efficiency by 40%.
- Orchestrated end-to-end automation initiatives, encompassing analysis, design, development, testing, and deployment; resulting in a 40% reduction in manual process times and delivering a 25% improvement in operational efficiency.
- Orchestrated the deployment, monitoring, and management of Robot automation activities using UiPath Orchestrator; achieved a 40% increase in efficiency and saved 100+ hours per month on manual tasks.

Google Developer Students Club

Chandigarh

Web Developer

Sep 2021- Oct 2022

- Facilitated the organization and execution of 10+ community events and workshops; Successfully managed a hackathon with over 1,000 participants, increasing engagement by 40% and fostering collaboration among attendees.

PROJECTS

KeySprints | *React.js, JavaScript, HTML, CSS, Node.js, Figma*

Mar 2024

- Developed and launched an interactive typing platform using React, enhancing user typing skills and engagement
- The tool includes typing tests, vocabulary cards, music integration, themes, and local storage, all within a smooth UI. Enhancements like focus mode, sound effects, and caps lock detection enrich the user experience.

Muteify | *React, JavaScript, CSS, HTML, Git*

May 2024

- Engineered a Chrome extension to automatically mute Spotify ads, enhancing uninterrupted music playback. Ensured seamless integration and user-friendly design requiring no complex setup.

Cosmic Curves | *JavaScript, CSS, HTML, Git*

Sept 2022

- Developed a web application in JavaScript to perform precise weight calculations for users on various celestial bodies within the Solar System, offering an interactive interface for seamless exploration.

EDUCATION

Chitkara University, Punjab

Oct 2020 - Aug 2024

Bachelor of Engineering, Computer Science

CGPA: 9.8

Kendriya Vidyalaya, Kasauli

Apr 2019 - Jun 2020

Senior Secondary (CBSE)

Percentage: 94

ACHIEVEMENTS

Harvard WECODE Scholar

Feb 2022

- Secured exclusive invitation to the prestigious Harvard Women Engineers Code Conference; applied insights gained to implement a new coding framework that increased my efficiency

Women Techmakers Engineering Scholar

Feb 2021

- Selected as one of the top 200 women out of 25,000 applicants to receive a 50% scholarship from the Women Techmakers Engineering Fellows (WTEF) program.