# Utsav Singh

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## Education

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| **Technocrats Institute of Technology** | **Bhopal, India** |
| *Bachelor of Technology in Computer Science and Engineering; GPA: 3.66 (8.27/10.0)* | *Aug. 2018 – Jul. 2022* |
| **Ramshree India International School** | **Gwalior, India** |
| *Senior School Certificate in Mathematics and Science; GPA: 3.0 (71.6/100)* | *Apr. 2017 – May. 2018* |
| **Ramshree India International School** | **Gwalior, India** |
| *Secondary School Certificate in Mathematics and Science; GPA: 3.6 (8.2/10.0)* | *Apr. 2013 – May. 2015* |

## Experience

**Wipro** — **Apr. 2022 - Jun. 2022**
*Full Stack Developer Trainee* — *Bangalore, India*

- Developed a MERN stack application with HTML, CSS, JavaScript, React.js and Express.js to process records within 3 weeks, increasing user satisfaction by 30%.
- Enabled team collaboration by actively participating in daily meetings and peer-reviews of code modules for over 50 solutions.
- Actively monitored system performance, identifying & fixing bugs for an increase in execution speed of 24%.
- Conducted code inspections on updates/breakouts for agile development and promoted team adoption of clean coding principles for more efficient and correct results.
- Simplified markup for reusability, resulting in a reduction of development time by 40% and improved website performance metrics across all browsers.
- Optimized website performance through code refactoring and restructuring resulting in a **20% reduction in page loading time** and an **increase of 25% customer engagement rate.**

## Projects

**Quote Finder** | *HTML, CSS, Javascript* *(live link)* — **Jan. 2023**

- Developed an HTML/CSS/JavaScript-based tool to enable users to quickly access quotes from authors, increasing user engagement by 40%.
- Integrated web analytics and tracking scripts into the website architecture, resulting in a 45% increase in new visitors.
- Created a Linux virtual machine to run on Google Cloud so that the program is able to run everyday from the cloud.

**Image Spiral App** | *CSS, Javascript, RESTful API* *(live link)* — **Feb. 2023**

- Built a web application with infinite scroll capabilities that enabled users to view high-resolution images in a single web page.
- Integrated back end systems to automate image fetching curation processes & reduce manual work by 5%.
- Deployed GitHub repository to ensure teams had access to codebase, resulting in development on time.

## Technical Skills

**Languages**: Java, HTML, CSS, JavaScript
**Frameworks**: React.js, Node.js, RESTful APIs
**Developer Tools**: VS Code, GitHub, Jira, Docker, npm
**Interpersonal Skills**: Leadership, Agile management, Emotional Intelligence, Effective communication, Customer facing experience

## Relevant Coursework

- Data Structures
- Software Methodology
- Algorithms Analysis
- Database Management
- Object Oriented Design
- Operating Systems
- Computer Networks
- English Communication
- Software Development