

# SUPRIYA JAISWAL

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## SUMMARY

Dynamic developer with a strong foundation in front-end and back-end development. Proficient in Java, HTML, CSS, JavaScript, and the MERN stack. Committed to continuous learning and eager to leverage my skills in a collaborative environment. Seeking opportunities to contribute to impactful projects and drive success.

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## EXPERIENCE

### Backend Developer

Computer Centre Banaras Hindu University

July-2024 – August 2024, India

- Developed a Geocoding Application for Water Quality Index (WQI) using MongoDB for efficient data storage and management.
- Implemented Chart.js for interactive data visualization, providing insights into water quality trends.
- Utilized Node.js and Express.js for backend development and OpenStreetMap for geocoding and mapping.

### Web Developer

Spring S Technologies

December-2023 –Feb 2024, India

- Collaborated with cross-functional teams to create visually appealing and user-friendly designs
- Developed an eCommerce website, contributing to innovative product designs and enhancing web application functionality.
- Contributed to innovative product designs and enhanced web application functionality.

### Web Developer

Prometheus Solutions

January-2022 –Nov2022, India

- Created responsive and easy-to-use web pages using HTML, CSS, and JavaScript.
- Implemented dynamic updates and interactive elements to enhance the website.
- Tested and fixed issues to make the website load faster and work smoothly on all devices.

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## PROJECTS

### 1.Development of a Geocoding for WQI using MongoDB

<https://github.com/Supriyajaiswal43/VaranasiHydrotrack>

- **Nominating Method:** Allow users to nominate and input addresses, which are geocoded and displayed on the map for analysis.
- **Location Mapping:** Map water quality data based on geocoded addresses, providing a clear visual representation of data distribution
- **Clustered Display:** Visualize water quality data with clustering techniques to group nearby data points for clearer insights.
- **MongoDB Integration:** Store and manage water quality and location data efficiently, supporting quick access and spatial queries.

### 2. Comprehensive Portal System

<https://github.com/Supriyajaiswal43/ProjectDashboard>

- Developed a Task Management Dashboard using Node.js, Express.js, and MongoDB, categorizing tasks into Academic, Project, and Consistency, with planners and communication tools.

### 3. Employee File Tracking System

<https://github.com/Supriyajaiswal43/EmployeeManagementSystem>

- Developed a web-based platform to digitize employee file management, enabling real-time tracking and efficient operations using Python with Django

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## EDUCATION

### Bachelor of Technology

Kashi Institute of Technology • Computer Science and Engineering • 2025 • 8.05

### Diploma

Govt. Girls Polytechnic Varanasi • 2022 • 80%

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## ACHIEVEMENTS

### NASA Space App Challenge 2024 (10/2024)

Selected in the top 10 teams at NASA Space Apps Challenge Noida 2024 for innovative community mapping solutions.

### 24-Hour Hackathon - Prototype Development Round, NIT Kurukshetra (09/2024)

Led team in developing Emergency Response System prototype in 24- hour Hackathon at NIT Kurukshetra.

### Innovative Prototype/ Project Exhibition (12/2022)

Secured Runner Up in Innovative Prototype Exhibition at Dr. Abdul Kalam Fest 2022-2023 (Zonal Level).

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## SKILLS

Java, C, Data Structures and Algorithms, Problem Solving, HTML, CSS, JavaScript, ReactJS, Node.js, Express.js, MongoDB, SQL, Git, MERN Stack