

JYOTSNA MAHAJAN

West Patel Nagar, New Delhi

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EDUCATION

Vivekananda Institute of Professional Studies
Masters of Computer Application (MCA) **93.6%**

2023 – 2025

New Delhi, India

Bharati Vidyapeeth Deemed To be University
Bachelor of Computer Application (BCA) **79%**

2019 – 2022

New Delhi, India

Indraprastha World School - CBSE
12th **82.8%** — *10th* **81.7%**

2016 – 2019

New Delhi, India

PROJECTS

Portfolio Website | React.js, Material UI, CSS

2025

- Created a personal React portfolio featuring projects, skills, and contact information with a responsive UI.

CPU Scheduling Visualizer | React.js, React Router, CSS

2025

- Developed an interactive visualizer implementing CPU scheduling algorithms like FCFS, SJF, SRTF, Priority and Round Robin.
- Designed user inputs for burst time, arrival time, priority, and displayed dynamic Gantt charts.

Country Info App | React.js, REST API, Material UI, CSS

2025

- Built a country search application using REST Countries API to display flags, population, languages, currencies, etc.

Recipe Finder App | React.js, REST API, Material UI, CSS

2025

- Developed a recipe search tool using TheMealDB API for displaying ingredients, instructions, and dish images.

To-Do List App | React.js, Material UI, CSS

2025

- Built a React-based task management app with features to add, mark as completed, and delete tasks.

Dictionary App | HTML, CSS, JavaScript, API

2025

- Created a dictionary application using Dictionary API to display meanings, synonyms, examples, and pronunciation audio.
- Implemented error handling and dynamic search with real-time results.

INTERNSHIP

IBM SkillsBuild

Jun 2024 – Jul 2024

Summer Intern

New Delhi, India

- Worked on Artificial Intelligence and Machine Learning-based tasks using IBM tools.
- Built a chatbot using IBM Watson Assistant to simulate real-world interactions.
- Developed and trained a Machine Learning model using IBM Watson Studio.

TECHNICAL SKILLS

- Languages:** C++, HTML, CSS, JavaScript, SQL
- Frontend:** React.js, React Router, Material UI
- Databases:** MySQL
- Technologies/Tools:** Git, GitHub, VS Code, Axios, REST APIs

CERTIFICATIONS

- Project Management – NPTEL, Ministry of Education
- Artificial Intelligence Fundamentals – IBM