

# Manushwi Raj Bhardwaj

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## ABOUT

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Computer Science student skilled in DSA using Java, with practical experience in web development and software projects. Seeking opportunities to apply problem-solving skills in real-world applications.

## PROJECTS

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### CodeFetch

 Live ,  Github ,  Video

*JavaScript, HTML, CSS, and Chrome APIs*

- Developed a Chrome extension using JavaScript, HTML, CSS, and Chrome APIs to help **students and junior developers** extract assets and reusable code from live websites.
- Implemented **one-click asset extraction** for images, videos, and SVGs using Chrome scripting and storage APIs, reducing manual inspection time by **60%+**.
- Built a **hover-to-inspect feature** that instantly displays and copies HTML/CSS of any DOM element, improving learning and rapid prototyping efficiency.
- Ensured cross-site compatibility and security by testing across **20+ websites** and deploying under **Chrome Manifest V3** compliance.

### CodezY

 Live ,  Github

*React JS, Tailwind CSS, n8n, Google Sheets API, Email API*

- Developed a responsive registration portal that captures participant details and syncs data automatically with Google Sheets using **n8n** workflows.
- Integrated **n8n automations** for real-time email confirmations, data validation, and notifications without writing repetitive backend logic.
- Used **n8n's visual flow builder** to design event management automations including registration tracking, confirmation triggers, and data export.

### Ecoloop

 Live ,  Github

*React JS, Tailwind CSS, Node.js, Express.js, MongoDB, Google Auth, Google Vision API*

- Designed an AI recommendation engine to provide **3 +** sustainable actions per item (**recycle, reuse, donate**), improving user decision-making efficiency.
- Implemented image-based item recognition using Google Vision API, achieving **95–96% accuracy** in identifying recyclable and reusable items.
- Built secure RESTful APIs using Node.js and Express.js with MongoDB integration, supporting **authenticated users** via **Google OAuth**.

## EDUCATION

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2024 - 2028	Bachelor's of Technology at <b>AKTU</b>	(GPA: 8) first year
2023 - 2024	Class 12th CBSE	
2021 - 2022	Class 10th CBSE	

## SKILLS

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Frontend HTML, CSS, ReactJS, TailwindCSS

Backend NodeJS, ExpressJS