

# Madhavi Porte

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Bilaspur, Chhattisgarh, India

## EDUCATION

<b>Indian Institute of Information Technology, Ranchi</b> <i>Bachelor of Technology in Computer Science and Engineering</i>	Ranchi, India Aug 2023 – May 2027
<b>Sheryians Coding School</b> <i>Full Stack Web Development Certification</i>	Online Sep 2025 – Feb 2026

## TECHNICAL SKILLS

<b>Programming Languages:</b> C++, Python, JavaScript, SQL
<b>Web Technologies:</b> React.js, HTML5, CSS3, Tailwind CSS, Node.js, Express.js
<b>Databases:</b> MySQL, MongoDB, PostgreSQL
<b>Developer Tools:</b> Git, GitHub, VS Code, Linux, Postman, Docker
<b>Frameworks &amp; Libraries:</b> React.js, Next.js, Redux, Bootstrap, Material-UI
<b>Core Competencies:</b> Data Structures, Algorithms, Object-Oriented Programming, RESTful APIs, Responsive Web Design

## PROJECTS

<b>E-Commerce Platform</b>   <i>React.js, Node.js, Express.js, MongoDB, Tailwind CSS</i>	2025
<ul style="list-style-type: none"><li>Developed a full-stack e-commerce web application with user authentication, product catalog, shopping cart, and payment integration</li><li>Implemented RESTful API with Node.js and Express.js, handling 1000+ concurrent requests efficiently</li><li>Designed responsive UI using React.js and Tailwind CSS, improving user engagement by 40%</li><li>Integrated Stripe payment gateway and implemented JWT-based authentication for secure transactions</li></ul>	
<b>Algorithm Visualizer</b>   <i>React.js, JavaScript, CSS3</i>	2024
<ul style="list-style-type: none"><li>Built an interactive web application to visualize sorting and pathfinding algorithms including Quick Sort, Merge Sort, Dijkstra's, and A*</li><li>Implemented real-time algorithm animations with adjustable speed controls and step-by-step execution</li><li>Enhanced understanding of algorithmic complexity through visual representation, used by 500+ students</li></ul>	

## ACHIEVEMENTS & ACTIVITIES

<b>Competitive Programming:</b> Solved 300+ problems across LeetCode, CodeChef, and Codeforces platforms
<b>Hackathon Participant:</b> Participated in 2+ hackathons, collaborating in teams to build innovative solutions under time constraints
<b>Open Source Contributions:</b> Active contributor to open-source projects on GitHub, improving documentation and fixing bugs