

# Utkarsh Sood

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Shimla, HP



## PROFILE

Passionate and detail-oriented frontend developer with a strong foundation in HTML5, CSS3, JavaScript, and responsive design. Experienced in building user-friendly, maintainable web interfaces using modern frameworks like ReactJS and AngularJS. Known for strong problem-solving skills, effective communication, and a proactive, team-oriented mindset. Committed to delivering high-quality, scalable code and continuously learning new technologies to stay ahead in a dynamic tech environment.




## EDUCATION

<b>Bachelor of Technology in Computer Science and Engineering</b> Jaypee University of Information Technology, Solan, India	<b>Aug 2022-June 2026</b> Current CGPA: 7.34
<b>Senior Secondary, PCM</b> St. Edward's School, Shimla	<b>March 2020-March 2022</b> Percentage: 71%

## Work Experience

<b>Intern – DDT&amp;G Shimla</b> <b>Project: HIMSWAN (Himachal State Wide Area Network)</b> <ul style="list-style-type: none"><li>Assisted in monitoring and maintaining WAN infrastructure connecting 2700+ government offices across 12 districts in Himachal.</li><li>Simulated 10+ network topologies using Cisco Packet Tracer, applying concepts like routing, switching, and subnetting.</li><li>Collaborated with officials to understand e-Governance communication protocols and IT infrastructure at the district level.</li></ul>	<b>June 2025-July 2025</b>
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## PROJECTS

<b>Recommendation System using Heterogeneous Hypergraphs</b> <ul style="list-style-type: none"><li>Collaborated with a team to develop a Recommendation System leveraging Heterogeneous Hypergraphs to model complex relationships between users, movies, and metadata.</li><li>Forged a data-driven approach that streamlined user experience and improved recommendation accuracy, minimizing time spent on content discovery.</li><li>Integrated Variational Autoencoders (VAEs) and collaborative filtering techniques to enhance the system's predictive capabilities</li></ul>	<b>January 2025 - Present</b>
<b>Portfolio Website</b>  <ul style="list-style-type: none"><li>Utilized HTML, CSS, JavaScript, and modern frameworks to design an interactive, visually engaging personal portfolio.</li><li>Revamped the website design for responsive performance, ensuring seamless interaction across desktop and mobile platforms.</li><li>Implemented smooth navigation and performance optimizations, improving page load speed and user engagement.</li></ul>	<b>January 2025 - February 2025</b>
<b>Tic-Tac-Toe Game</b>  <ul style="list-style-type: none"><li>Developed an interactive Tic-Tac-Toe game using HTML, CSS, JavaScript, and React, delivering a responsive and engaging experience.</li><li>Executed core game logic and win-condition algorithms with JavaScript and React hooks for a seamless user experience.</li><li>Added reset functionality, move history, and dynamic turn indicators, enhancing usability and replay value.</li></ul>	<b>January 2025 - February 2025</b>
<b>Hospital Management System</b>  <ul style="list-style-type: none"><li>Built a full-stack Hospital Management System using React, Node.js, Express, and MongoDB.</li><li>Enforced real-time appointment booking, discharge billing, and PDF medical certificate generation.</li><li>Designed secure login system with session handling and a responsive, user-friendly dashboard.</li></ul>	<b>December 2024 - February 2025</b>

## SKILLS

<ul style="list-style-type: none"><li><b>Web:</b> HTML, CSS, React, Node.js</li><li><b>Database:</b> MySQL</li><li><b>Languages:</b> C, C++, JavaScript, Python</li></ul>	<ul style="list-style-type: none"><li><b>CS Fundamentals:</b> Data Structures, Cloud Computing, OS, DBMS</li><li><b>Frameworks :</b> NumPy, Pandas, Bootstrap</li><li><b>Tools :</b> Git, VS Code, Cisco Packet Tracer</li></ul>
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## SOFT SKILLS

<ul style="list-style-type: none"><li><b>Teamwork:</b> Collaborated with peers on a Movie Recommendation System project</li><li><b>Leadership:</b> Led the Disciplinary Committee comprising nearly 100 students</li><li><b>Time Management:</b> Successfully balanced a demanding academic workload while serving as a Coordinator</li><li><b>Adaptability:</b> Quickly learn and adapt to new technologies or environments</li></ul>	
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## VOLUNTEERING EXPERIENCE

<b>Coordinator</b> <b>Disciplinary Committee</b> <ul style="list-style-type: none"><li>Currently leading the Disciplinary Committee, overseeing conduct and ensuring adherence to institutional rules and regulations.</li><li>Coordinated with faculty and student teams during major college events to manage crowd control and maintain order.</li></ul>	<b>June 2024 - Present</b>
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## CERTIFICATES AND AWARDS

<b>Infosys Springboard:</b> <ul style="list-style-type: none"><li>Introduction to Cloud Computing</li><li>Computational Theory: Language Principle &amp; Finite Automata Theory</li><li>Basics of Python</li></ul>	<b>Udemy:</b> <ul style="list-style-type: none"><li>Full Stack web Development</li><li>Data Structures and Algorithm basics</li></ul>
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