

# ASSIM UJJWAL

ACADEMIC PROFILE			
Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Civil Engineering IIT (BHU), Varanasi	9.18	2024
CBSE (XII)	D.A.V. Public School, Ratwar, Mohania	93.40	2020
CBSE (X)	D.A.V. Public School, Ratwar, Mohania	96.40	2018
SKILLS			
<ul style="list-style-type: none"><li>• <b>Programming Languages:</b> C, C++, JavaScript, Solidity(Basics).</li><li>• <b>Web Technologies:</b> ReactJs, Redux, NodeJS, MongoDB, Flask Rest API.</li><li>• <b>Areas of interest:</b> Data Structures and Algorithms, Web Development, Competitive Programming, ML(basics).</li><li>• <b>Tools &amp; Tech.:</b> Git, GitHub, Firebase Hoisting, Truffle, Ganache.</li></ul>			
PROJECTS			
<b>Recommendation Engine - MovieDB</b>		May '22 - June '22	
<ul style="list-style-type: none"><li>• Built a Rest API-based movie recommendation engine utilizing <b>content-based collaborative filtering algorithm</b> and TF-IDF for personalized movie recommendations. -Microsoft Engage <a href="#">GitHub</a></li><li>• Conducted an analysis of various <b>recommendation engine types</b> to identify and eliminate the cold-start problem, while ensuring scalability for multiple users</li><li>• Implemented <b>JWT token-based authentication</b> and validation for web application security.</li><li>• <b>Tech Used:</b> ReactJS, Redux, NodeJS, Rest API(Flask), MongoDB, Pandas, scikit-learn.</li></ul>			
<b>SocialMate: Connect, Share, and Engage with the World</b>		November '21 - January '22	
<ul style="list-style-type: none"><li>• Developed a MERN-based social media app, enabling users to create accounts, share posts, and engage with others through features like <b>liking and following</b>. <a href="#">GitHub</a></li><li>• Implemented user <b>authentication</b> and efficient <b>server-side data management</b> of user credentials and posts.</li><li>• Utilized React-Redux for efficient <b>state management</b> and deployed the app on Firebase for better scalability and accessibility.</li><li>• <b>Tech Used:</b> ReactJS, NodeJS, MongoDB (<b>MERN Stack</b>), <b>Firebase hoisting</b> service.</li></ul>			
<b>Blockchain-Based E-Voting System   V-Dapp</b>		January '23 - February '23	
<ul style="list-style-type: none"><li>• Developed a secure and reliable e-voting system using <b>blockchain technology</b>. <a href="#">GitHub</a></li><li>• Empowered officials with capabilities such as voter verification, candidate listing, and election phase management.</li><li>• Provided voters with functionalities such as registration, candidate viewing, and casting of votes.</li><li>• <b>Tech Used:</b> Truffle, Ganache, Solidity, Web3 JS, React JS</li></ul>			
<b>Shortest Path Visualizer   Graph</b>		January '21 - February '21	
<ul style="list-style-type: none"><li>• Created a web application to find the shortest path between two cities with the option of <b>roadways and airways</b> (limited to one-time use).</li><li>• Implemented BFS, DFS, and <b>Dijkstra Algorithm</b> to achieve the shortest path and included features such as generating a random city path and providing the shortest solution.</li><li>• <b>Tech Used:</b> <b>Graph Theory</b>, ReactJs</li></ul>			
POSITION OF RESPONSIBILITY			
<b>Executive   Publicity Team SPARDHA'21 sport fest</b>		March 2022 - April 2022	
<ul style="list-style-type: none"><li>• Persuaded many contingent leaders of national colleges to take part in the fest. Also greatly publicised the fest's reach by <b>leading</b> a team of <b>30+ members</b>.</li></ul>			
HONOURS AND ACHIEVEMENTS			
<ul style="list-style-type: none"><li>• Rank <b>6477</b> in <b>JEE Advanced</b> 2020 - among more than 150,000 short-listed candidates</li><li>• Rank <b>8002</b> in <b>JEE Main</b> 2020 - among more than a million candidates</li><li>• Rank <b>1045</b> in <b>KVPY (SX stream) Fellowship</b> 2019, Kishore Vaigyanik Protsahan Yojana</li><li>• Rank <b>14</b> in <b>NTSE (Stage 1)</b> 2018 National Talent Search Examination</li></ul>			
EXTRA-CURRICULAR ACTIVITIES			
<ul style="list-style-type: none"><li>• Participated in <b>PRAVAAHA'22</b> Water Technical Fest, <b>IIT Roorkee</b> and animated water scarcity levels over the years.</li><li>• Awarded for <b>Zonal Excellence</b> at <b>National Science Olympiad 2017</b> - Zonal Rank -8 and International Rank -416.</li></ul>			

T: 6203236347 E: assimfrommohania@gmail.com Address: Mohania, Ward No. 15, Kaimur, Bihar