

Satyam Pratap Singh

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SKILLS

- **Languages:** C++, JavaScript, Java, PHP, SQL
- **Frameworks:** HTML and CSS, Bootstrap, NodeJS, React
- **Tools/Platforms:** MySQL, MongoDB
- **Soft Skills:** Problem-Solving Skills, Team Management, Communication

PROJECTS

Chat App Using Blockchain Domain | *React.js, Node.js, Solidity* Oct'24

- Developed a React.js frontend integrated with Node.js and Solidity, secured 1,000+ users, and increased efficiency by 20%.
- Utilized Hardhat and MetaMask for Ethereum account creation and gas fee management, improving transaction efficiency by 15%.
- Designed a user-friendly interface and collaborated with the backend team to enhance system performance by 25%.

E-Waste Management System | *HTML, CSS, JavaScript, Bootstrap, PHP, MySQL* Jul'24

- Crafted and developed an E-Waste Management System to facilitate proper electronic waste disposal and recycling.
- The system allows users to schedule e-waste pickups, locate nearby e-waste collection centers, and track the recycling process.
- Built a dynamic frontend using HTML, CSS, JavaScript, and Bootstrap, with PHP and MySQL handling backend operations.
- Integrated data analytics to track waste collection statistics and enhance operational efficiency.

Tic-Tac-Toe Game | *HTML, CSS, JavaScript, C++* Jan'24

- Developed a fully functional Tic-Tac-Toe game with an interactive user interface.
- The game supports both **single-player (AI mode) and multiplayer modes**.
- Implemented **minimax algorithm** for AI decision-making to make the game challenging.

CERTIFICATES

- Social Networks | *SWAYAM-NPTEL* Sep'24
- DSA Self-Paced | *GeeksforGeeks* Jul'24
- The Bits And Bytes of Computer Networking | *GOOGLE* Jan'24
- Explore a career in Front-End Web Development | *LinkedIn* Mar'23

ACHIEVEMENTS

- **Attained 600 rank** | Code Chef Contest (Div.3) Jan'25
In Starters 171(Rated), showcasing proficiency in algorithms and data structures through competitive programming.
- **Attained 5,876 Position** | Codeforces Contest (Div.3) Nov'24
Among 40,000+ participants in Round(1016), exhibiting Logical and Analytical Thinking.
- **BLOCKSEBLOCK Web3Sabha** | *ICP Hackathon* (2nd Position) Jan'24
Among 21+ team participants, showcasing problem - solving skills and technical expertise.
- **Won the Cricket tournament at District level** Apr'23
Among 12 teams in the DYL League, showcasing my Teamwork & Collaboration.

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology Aug'22 - Present
Computer Science and Engineering : CGPA : 7.52
Full-Stack Development, Database Management, and collaborative project execution
- **M K DAV Public School** Jharkhand, India
Intermediate Apr'20 – Mar'22
PCM; Percentage : 75%
- **M K DAV Public School** Jharkhand, India
Matriculation Apr'18 – Mar'2020
Percentage : 88.6%