

# Srijan Pandey

Linkedin: <https://tinyurl.com/mubkt8a6>

GitHub: <https://github.com/sripandeyy>

Email: [srijanpandey2969@gmail.com](mailto:srijanpandey2969@gmail.com)

Mobile: +91-8604600710

## SKILLS

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**Languages:** C++, JavaScript, C, PHP

**Frameworks:** HTML and CSS, Bootstrap, NodeJS, React, Flask/Fast API

**Tools/Platforms:** MySQL, MongoDB, Git

**Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

## PROJECTS

Since Aug' 2025

- **Video chat App: [GITHUB](#)**

- Built a real-time video chat and YouTube watch-party platform using WebRTC, Node.js, and Express, enabling synchronized Playback and live communication between users.

- Implemented peer-to-peer media streaming, signaling workflows, and room-management architecture to support multiple low-latency collaborative sessions.

- Developed a robust front-end (JavaScript) and backend (Node.js/Socket.io) system with REST endpoints and socket connections, gaining strong skills in WebRTC APIs, real-time networking, and event-driven system design.

- **Message Encoder and Decoder | [GITHUB](#)**

Oct' 2025

- Created a web-based message encoder/decoder using a custom symbol-based system supporting letters, numbers, spacing, and case sensitivity.

- Built the full front-end with HTML, CSS, and JavaScript, implementing clean encoding/decoding algorithms and real-time transformation feedback.

- Added error handling for unsupported characters and designed an intuitive UI, enhancing skills in algorithm design and client-side JavaScript development.

## CERTIFICATES

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- **Introduction to Front-End Development (Meta|[Coursera](#))**

Sep' 2025

- Built practical skills in creating responsive, high-performance web interfaces using HTML, CSS, JavaScript, and React, with emphasis on modern frontend standards and seamless user experience.

- **Foundations of Cybersecurity (Google|[Coursera](#))**

Sep' 2025

- Acquired foundational expertise in cybersecurity principles, risk management, and security frameworks for protecting digital systems against threats.

## Extracurricular activities

- **Event Hosting & Anchoring**

Feb' 2023

Hosted multiple private events and parties, confidently engaging audiences, managing event flow, and demonstrating strong public speaking and interaction skills.

## EDUCATION

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- **Lovely Professional University**

Punjab, India

Bachelor of Technology - Computer Science and Engineering; CGPA: 6.05

Since August 2023

- **St. John's School**

Intermediate; **Percentage: 64%**

April 2022 - March 2023

- **St. John's School**

Matriculation; **Percentage: 74%**

April 2020 - March 2021