

Deepak Singh

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SKILLS SUMMARY

- **Languages:** C++, JavaScript, Python, Kotlin, Java
- **Frameworks:** HTML and CSS, Typescript, NodeJS, React, NextJS, Flutter
- **Tools/Platforms:** MySQL, MongoDB, SQL
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

PROJECTS

- **React-Streamify-play – Video player npm package:** [Link](#) December 2024

Developed an easy-to-use React video player package with customizable options, supporting efficient bitrate streaming and static video file handling.
Reduced the package size by 25%, resulting in 150+ downloads.
The player supports video streaming in both HLS and MPEG-DASH formats.
Tech: React, Typescript, CSS, JavaScript
- **Reconciliation Visualizer – Visualize the React reconciliation process:** [Link](#) November 2024

Created a well-documented React reconciliation process visualizer to help developers, especially beginners, understand React's fast re-rendering process.
This tool demonstrates key internal concepts, improving comprehension of React's rendering optimizations.
Resolved parsing issue and successfully converted the code into a tree structure by applying strong problem-solving skills.
Tech: React, CSS, JavaScript, DSA, Problem-solving skills

ACHIEVEMENTS

- **Secured 3rd runner up position in AI hackathon:** February 2024

Developed a Generative AI-based law chatbot trained on Indian law to answer legal questions.
Secured 3rd runner up position competing among 50 teams across Chandigarh.
Collaborated with a team of 4 developers, managing and developing the integration of the AI model with the frontend.
- **Coding Performance:** Present

Solved 200+ questions in Leetcode with global rank of 500000+.
Solved 50+ questions in Geeks for Geeks.

CERTIFICATIONS

- Complete Machine Learning & Data Science by GFG October 2024
- Complete Data Structure & Algorithms by Cipher School January 2024

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.36
- **APS Haldwani School** **Haldwani**, Uttarakhand
Intermediate; Percentage: 95%
- **APS Haldwani School** **Haldwani**, Uttarakhand
Matriculation; Percentage: 96%