Shreya Tripathi

LinkedIn: www.linkedin.com/in/shreyatripathi26
GitHub: https://github.com/Shreya2456

Email: shreyatpathi2005@gmail.com
Mobile: +91-6006835102

SKILLS

- **Languages**: C, C++, JavaScript, C, PHP, Java, Python

- **Frameworks/ Libraries**: HTML and CSS, Tailwind CSS, React, Node, jQuery, JSON, JSX, Redux, Axios, Express

- **Tools/Platforms**: MySQL, MongoDB, Git, GitHub, Linux, Rest API

- **Soft Skills**: Problem-Solving Skills, Team Player, Adaptability, Leadership

PROJECTS

Data Structure Visualizer | GitHub   Aug-2025
- Built an interactive **Data Structure Visualizer** to demonstrate array, linked list, stack, queue, tree, and graph operations with real-time animations.
- Led the end-to-end development using HTML, Tailwind CSS, and JavaScript, implementing DSA operations with **DOM-based animations** and intuitive **event-driven UI flows**.
- Deepened expertise in DSA and algorithm visualization while strengthening frontend development skills, translating **abstract logic** into clear **interactive visual behavior**.
  Tech: HTML, Tailwind CSS, JavaScript, DSA Concepts

Online Auction System | GitHub   Apr-2025
- Developed a **dynamic auction platform** enabling users to register, list items, place bids, and view bidding history.
- Designed a responsive UI with Tailwind CSS and implemented **client-side interactivity** using JavaScript.
- Delivered a functional, **user-friendly** auction platform while enhancing **full-stack development skills** and understanding of real-time application logic.
  Tech: HTML, Tailwind CSS, JavaScript, MySQL, PHP

AI Dungeon Master | GitHub   Mar-2025
- Designed to create an **AI-driven interactive storytelling platform** that generates **dynamic adventures** based on user prompts.
- Developed the full frontend interface and integrated the **Gemini API** for real-time narrative generation and prompt handling.
- Delivered an engaging, responsive **AI adventure experience** while strengthening skills in API integration, UI design, and interactive web development.
  Tech: HTML, Tailwind CSS, JavaScript, Google Gemini Api

SUMMER TRAINING

DSA with C++ | Certificate-Link   Jul-2025
- Trained in core **Data Structures & Algorithms** using C++, including arrays, strings, recursion, sorting, searching, linked lists, stacks, queues, trees, and graphs.
- Practiced **problem-solving and algorithmic** thinking through structured exercises and coding sessions.
- Strengthened foundational programming skills and improved efficiency in implementing DSA concepts.
- **Knowledge Gained:** Strong understanding of DSA fundamentals, time–space complexity, and efficient coding practices in C++.

CERTIFICATES

Master Generative AI & Generative AI tools | **Infosys**	Aug-2025
Computational Theory: Language Principle & Finite Automata Theory | **Infosys**	Aug-2025
ChatGPT-4 Prompt Engineering: ChatGPT, Generative AI & LLM | **Infosys**	Aug-2025
Full Stack Developer | **CipherSchools**	Jul-2025
Angular Web Developer Certification | **Infosys**	Jun-2025
Cloud Computing | **NPTEL**	May-2025

ACHIEVEMENTS

- Earned C# and JavaScript-Basic Certification and 4-Star ratings in Python **HackerRank**   Nov-2025
- Solved 150+ questions in **Leetcode**   Jul-2025

EDUCATION

Lovely Professional University   Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.8   *Since Aug-2023*

Maharishi Vidya Mandir School   Jammu, J&K
Intermediate; Percentage: 88%   *Mar-2023*

Maharishi Vidya Mandir School   Jammu, J&K
Matriculation; Percentage: 94%   *Mar-2021*