

Shruti Singh

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Professional summary

Recent Computer Science Engineering graduate with knowledge of Full Stack Web Development. Proficient in HTML, CSS, JavaScript, Python, React.js, Node.js, and Express.js. Familiar with REST APIs, MongoDB, PostgreSQL, and deployment platforms such as Render and Railway. Seeking an entry-level software development role to apply technical skills and grow as a developer.

Technical skill

- Programming Languages: Python, JavaScript, HTML, CSS
- Frameworks & Libraries: React.js, Node.js, Express.js, REST APIs
- Databases: MongoDB, PostgreSQL
- Tools & Platforms: GitHub, Postman, Render, Railway, Excel
- Design Tools: Canva (UI/UX)

Experience

Python Programming Intern – Codsoft

(06 June 2024 – 06 July 2024)

- Developed Python mini projects using OOP and Tkinter.
- Wrote clean, modular, and well-documented code.
- Used Git & GitHub for version control and collaboration.

Projects

Gesture Controlled System (AI-Based Virtual Mouse & Media Controller)

(Apr 2026 – May 2026)

A computer vision-based system that enables users to control the mouse, media, and drawing applications using hand gestures without physical input devices.

- Implemented real-time hand tracking and gesture recognition using computer vision techniques.
- Enabled functionalities like cursor movement, clicks, scrolling, media control, and virtual drawing through hand gestures.

Tech Stack: Python, OpenCV, MediaPipe, NumPy, PyAutoGUI

SwapIt – Smart Item Exchange Platform

(Feb 2026 – March 2026)

A full-stack web application enabling users to exchange items without money through a secure and structured platform.

- Built using React.js, Node.js, and MongoDB.
- Implemented user authentication using JWT.

Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT

Expenzo – Finance Control Centre (Expense Tracker)

(Sep 2025 – Nov 2025)

A finance app for logging expenses, tracking subscriptions, setting limits, and visualising spending habits.

- Implemented gamification features to promote financial discipline.
- Used interactive charts for spending insights, enhancing engagement.

Tech Stack: Html, Css, Js, Python

Education

Gurugram University (GITM) | B.Tech – Computer Science & Engineering (8.09 CGPA)

(2022-2026)

Kalka Public School, Delhi | Senior Secondary (Class XII)

(2021)

Kalka Public School, Delhi | Secondary (Class X)

(2019)

Certifications

- Operating System Fundamentals --NPTEL , IIT Kharagpur (12-week Course, scored 54%) (Jul-Oct 2025)
- Python (Basic) – HackerRank Certification (Jun 2025)
- Angular Web Development – Infosys (Jun 2025)
- Cloud Computing – NPTEL, IIT Kharagpur (12-week course, scored 68%) (Jan–Apr 2025)
- Web Development – Internshala (8-week course, scored 85%) (Dec 2024)

Hackathons & Achievements

- Participated in **Hackcraft 2.0** (GITM) (Apr 2025)
- Competed in **Codestorm 2025** (B K Birla Institute, virtual) (Sept 2025)
- Participated in **Tech Quiz Competition** – Knowledge Institute of Technology (Jul 2025)
- **Runner-up** in Web Development Quiz – GITM
- **2× Gold Medals** – Basketball (Inter-Department, GITM)
- **Silver Medal** – Volleyball (Inter-Department, GITM)
- **Bronze Medal** – Basketball (Inter-College, Suraj College)
- **1st Position** – Basketball (National Sports Day)