

SHIVANGI SINGH

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SUMMARY

Enthusiastic computer science student with a strong passion for learning and mastering new technologies. Highly adaptable and capable of thriving in diverse environments, with a proven ability to quickly acquire and apply new skills. Committed to staying current with industry trends and continuously improving technical proficiency.

EDUCATION

Pranveer Singh Institute Of Technology , Kanpur, Uttar Pradesh	2021 — 2025
Computer Science	Percentage: 73.1 %
Saint Thomas Inter College , Sant Kabir Nagar,Uttar Pradesh	2021
Intermediate	Percentage: 78 %
Saint Thomas Inter College , Sant Kabir Nagar,Uttar Pradesh	2019
High School	Percentage: 80.4 %

PROJECTS

Network Packet Analyzer

- This project involves a network packet analyzer that captures and logs traffic via the socket API, converts logs into CSV for readability, and uses pandas, matplotlib, and seaborn to analyze and visualize network patterns.
- The tool enables offline insights into network behavior, supporting diagnostics, performance evaluation, and security monitoring.
- **Technologies used:** Python, Socket API, Scapy, Pandas library, Matplotlib, Dash library, Seaborn

Airbnb Clone

- This project involves creating an Airbnb clone with user authentication,detailed property listings,advanced search filters,secure payment processing and booking management.The aim is to provide similar user experience similar to Airbnb.
- **Technologies used:** ReactJS,HTML,Tailwind CSS,NodeJS,JavaScript

Food Ordering System

- The Food ordering system project involves creating a user-friendly platform for customers to browse menus,place orders,securely and track in real time.Key features include user authentication,restaurant menu management, and seamless payment processing.
- **Technologies used:** HTML,Tailwind CSS,JavaScript,Bootstrap,MongoDB,NodeJS

SKILLS

- **Programming:** C, C++, Python, JavaScript.
- **Web Development:** HTML,CSS, Javascript,React JS, Node JS, Bootstrap, Tailwind, Object oriented programming,Full Stack Web development,SQL,Typescript,Google Docs,MS Excel
- **Tools:** Github,Git,MySQL,Jupyter Notebook,Numpy,Matplotlib,Pandas,Postman

CERTIFICATIONS

- **Introduction to Cyber Security** by Simplilearn-SkillUP
- **Learn CCNA 200-301 Network Fundamentals Online** by Simplilearn - SkillUP
- **Full Stack Web Development** by Udemy
- **Database Management System** by Infosys
- **Object Oriented Programming Using Python** by Infosys
- **HTML,CSS and JavaScript** by Infosys

RELEVANT COURSEWORKS

- Database Management System
- Operating Systems
- Data Structure and Algorithms
- Computer Networks
- Machine Learning

ACCOMPLISHMENT

- Attended International Conference on Cryptology, Network Security with Machine Learning(2022)
- Completed 400+ Leetcode Questions based on DSA.