Sahil Singh

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Education

Lovely Professional University   **Sep. 2022 – Present**
B.Tech CSE CGPA:- 7.63   *Jalandhar, Punjab*

MASD Public School   **April. 2021 – March. 2022**
SSC Percentile:- 81.2   *Panipat, Haryana*

Relevant Coursework

- Data Structures
- Predictive Analytics
- Algorithms Analysis
- Database Management
- Generative AI
- OOPs
- Operating System
- Computer Architecture

Experience

SaintCoders   **June 2023 – August 2023**
Software Developer Intern   *Noida, Uttar Pradesh*

- learned to work on complex computer science solutions, develop scalable, distributed software systems and collaborate on code-level troubleshooting.
- Applied my knowledge of React, SQL, Tailwind, WordPress and Python.
- Applied engineering principles to solve complex problems by applying internal or industry best practices to improve technical solutions.
- Reduced overall development time by 20% by streamlining workflow processes with Tailwind and React.

Projects

Iphone 15 Pro | *React, Threejs, Tailwind, GSAP*   **March 2024**

- Built a website clone using React, GSAP, and Three.js, featuring smooth animations and 3D elements.
- Implemented GSAP for scroll triggers, staggered animations, and interactive video carousels.
- Used Tailwind CSS for styling, ensured responsiveness, and deployed the project via vercel.

Social Network Analysis | *R*   **April 2024**

- Developed an R-based application for analyzing social networks using the igraph library.
- Increased accuracy of social network predictions by 15% through optimization of graph density algorithms.
- Identified hubs and authorities within the network, highlighting nodes with high outgoing and incoming links using hub and authority scores.

Personal Portfolio | *React, Threejs, Tailwind*   **June 2024**

- This portfolio is a frontend web application designed to present projects and skills while offering a way for users to get in touch through the platform.
- Created by using Reactjs, Threejs, TailwindCSS.
- Learnt how to integrate different 3D Models and use them to make interactive websites.

Skills

Languages: Python, Java, C, C++, R, SQL
Web Technologies: HTML5, CSS3, Javascript, React, Tailwind
Developer Tools: VS Code, IntelliJ, Google Cloud Platform, Pycharm, Tableau, Tableau Prep, RStudio, Git
Technologies/Frameworks: Linux, GitHub, WordPress
Soft Skills: Active Listening, Time Management, Cognitive Flexibility

Extracurricular

- Completed Google Cloud Ready Program 2023.
- Campus Ambassador—HackerEarth LPU—Aug 2023 - Dec 2023
- Completed Microsoft AIOdyssey Challenge Level - 1
- 5-Star Programmer in Python—HackerRank
- Completed Coding Ninja Slayground till Level - 3
- AIR-282 Code Combat 3.0—Coding Ninja