# Saurabh Raj

kolkata, West Bengal

#### **EDUCATION**

# Heritage Institute of Technology

2022 - 2026

B. Tech - Computer Science and Engineering CGPA - 8.7

Kolkata, WestBengal

#### COURSEWORK / SKILLS

- Data Structures & Algorithms (DSA)
- OOPS Concept
- Computer Network
- Cloud Computing

- Web Development
- Distributed Database
- DBMS

• Operating System

#### **PROJECTS**

# Joke Telegram Bot 🗷 | HTML, CSS, JavaScript, Node. js

2024 - 25

- Developed a Telegram bot using Node.js to deliver random jokes.
- Integrated a joke API to fetch and send jokes to users dynamically.

# Stone Paper Scissor Game 🗷 | HTML, CSS, JavaScript

2024 - 25

- Designed an interactive game interface with randomized computer choices using JavaScript
- Developed a scoring system to track player and opponent progress.
- Live Site here

# <u>Tic-Tac-Toe Game</u> ∠ | HTML,CSS,JavaScript,React.js

2024 - 25

- Developed an interactive Tic-Tac-Toe game using React.js.
- Implemented error handling for invalid city names to improve user experience.
- Live site here

# Pokedex App 🗷 | HTML, CSS, javascript

2024 -25

- Developed a dynamic Pokedex app using JavaScript, HTML, and CSS.
- Integrated PokeAPI to fetch and display Pokémon details dynamically.
- Live Site here

#### INTERNSHIP EXPERIENCE

#### INTERNSHALA

July 2023 - August 2023

 $\underline{Intern}$ 

kolkata, westBengal

- Developed responsive web applications using HTML, CSS, and JavaScript for cross-browser compatibility.
- Collaborated on dynamic functionalities with React.js and Node.js, improving web application performance.
- Utilized RESTful APIs for efficient data retrieval, ensuring seamless integration between client and server.
- Enhanced web performance by optimizing React components, leading to a 20% improvement in page load times.

#### TECHNICAL SKILLS

Languages: C++, JavaScript, C, Python, Java, SQL, NoSQL, R

Technologies/Frameworks: HTML5, CSS3, Tailwind, React.js, Node.js, Redux, Express.js, MongoDB,

Pandas, NumPv

Operating Systems: Linux, Microsoft Windows

### **CERTIFICATIONS**

- Data Structures & Algorithms (DSA) PW Skills 🔀
- Full Stack Development PW Skills [7]
- 50 Days Batch LeetCode

#### CODING ACCOMPLISHMENTS

- Solved over 280+ problems on LeetCode, achieving high proficiency in algorithmic problem-solving.
- Ranked in the top 4% of participants globally on competitive coding platforms.