

SHAGUN THAKYAL

Kanpur, Uttar Pradesh

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LinkedIn

Github

Leetcode

GFG

EDUCATION

Harcourt Butler Technical University

December 2021 – July 2025

Bachelor of technology in Computer Science and Engineering - **CGPA - 7.64**

Kanpur, India

Government Boys High Secondary School

2019 - 2021

Intermediate - **Percentage - 96.6%**

Jammu, India

PROJECTS

Blog Website | ReactJS, NodeJS, ExpressJS, MongoDB

- Developed a blog website using ReactJS for the frontend and NodeJS with ExpressJS for the backend. Integrated MongoDB for database management to handle user data and blog content. Implemented features like user authentication, blog creation, and comment functionality for a seamless user experience. .

Chess Game | Using C++, Data Structures Algorithm, OOPS

- Developed a fully functional chess game in C++ using advanced object-oriented programming. Implemented game logic for piece movement, check/checkmate detection, and move validation. Used vectors and maps to manage the game board and pieces efficiently. Integrated custom algorithms for accurate game state updates, including king safety and legal move enforcement. . .

E-commerce Website | ReactJs, NodeJS, Strapi, ExpressJS

- Developed a shopping website for audio products using ReactJS, Node.js, and JavaScript, with Strapi as the backend database. Implemented features for browsing, filtering, and purchasing audio items, ensuring a seamless user experience. Managed backend operations for efficient product data handling.

TECHNICAL SKILLS

Languages: C, C++, JavaScript, HTML/CSS

Developer Tools: VS Code, Git, GitHub

Technologies/Frameworks: ReactJS, NodeJS, ExpressJS, Redux, Socket.io

Database: MongoDB, MySQL

Soft skills: Teamwork, Leadership, Creativity

ACHIEVEMENTS

- Solved more than 550 problems on GeeksForGeeks
- Solved more than 500 problems on Leetcode
- Solved more than 250 competitive programming problems on codeforces and codechef

Certificates

- I completed a software intern program with HackerRank, where I gained hands-on experience through coding challenges. The certificate reflects my proficiency in software development and problem-solving skills.

COURSEWORK / SKILLS

- | | | | |
|--------------------------------|---------------------|-------------------------------------|-------------------|
| • Data Structures & Algorithms | • Operating Systems | • Database Management System (DBMS) | • OOPS Concept |
| | • Network Security | | • Web Development |