Shivam Kumar

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Education

Chandigarh University
B.Tech in Computer Science   2023 – Present
CGPA: 7.55

Adesh Polytechnic College
Diploma in Engineering   2019 – 2022
Percentage: 80.43%

Technical Skills

- **Programming:** C++
- **Databases:** SQL
- **Fundamental:** Data Structures,OOPS,DBMS,CN

Work Experience

Chegg India Pvt. Ltd   **Remote**
Freelance   Sep 2021–Jan 2022

- Delivered 100+ accurate solutions with a 95% quality rating.
- Boosted content engagement by 20% through collaboration with the academic team to improve clarity.
- Handled high query volume under tight deadlines with consistent reliability.

Projects

Student Database System:

- Built a web-based CRUD application to manage student records, including add, update, delete, and search operations.
- Optimized database queries to reduce search time and improve system efficiency by 25%.
- Designed a normalized database schema in MySQL to ensure data integrity and minimize redundancy.
- Implemented user authentication and access control for secure data management.
- Integrated responsive frontend with HTML, CSS, and JavaScript for better usability.

Hangman Game:

- Built a console-based Hangman game in C++ using object-oriented principles with classes for word storage, tracking guesses, and hangman visualization.
- Used core C++ concepts such as loops, conditions, and functions to build the game logic and manage user input.
- Implemented error handling for invalid inputs and provided user-friendly prompts for improved interaction.
- Practiced modular coding with reusable functions to enhance maintainability.

Personal Portfolio Website:

- Designed and developed a responsive personal portfolio website using HTML, CSS, and JavaScript.
- Showcased academic background, technical skills, and personal projects in a structured format.
- Implemented a clean UI/UX with mobile-friendly design for better accessibility.
- Added interactive components like navigation bar, contact form, and project showcase section.
- Optimized images, assets, and code to improve page load speed and performance.
- Ensured cross-browser compatibility and accessibility with semantic HTML tags.

Certifications

- **Cloud Computing**-Prof. Soumya Kanti Ghosh (IIT Kharagpur, NPTEL)
- **Java FullStack Developer Specialization** Board Infinity, Coursera
- **Introduction to Databases** – Covered relational database concepts, SQL queries, normalization, and schema design.

Achievements

1st in SSB Quiz: Topped a national-level quiz among 500+ participants.
Diploma Topper: Ranked 1st in Diploma batch with 80.43% overall.
Class Representative: Led coordination between 60+ students and faculty across semesters.

Interpersonal Skills

Problem Solving, Quick Learner, Critical Thinking, Team Leadership, Honesty, Punctuality, Self-motivated