ASHVINI SINGH YADAV

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SUMMARY

A passionate and motivated Computer Science student with a strong foundation in data structures and algorithms and web development. Skilled in languages like JavaScript, Python, and Java, and experienced in building projects using modern frameworks such as React. Quick learner with a problem-solving mindset and a keen interest in software engineering best practices. Actively seeking opportunities to contribute to real-world applications, grow as a developer, and learn from experienced professionals in a dynamic work environment.

EDUCATION

Bachelor of Engineering, Chandigarh University	2023 - 2027
Relevant Coursework: Data structures, OOPS concept, Computer networks, and DBMS.	
CGPA − 7.65	
Class XII: Kendriya Vidyalaya Ordnance Factory Dumdum, Kolkata, West Bengal, 700028	2021-2022
83%	
Class X: Kendriya Vidyalaya AFS Sulur, Coimbatore, Tamil Nadu, 641401	2019-2020
94.4%	

SKILLS

Programming Languages: C++, Java, Python, HTML, JavaScript
Web Development: React.js, HTML, CSS, JavaScript, Tailwind CSS
Database Management: MySQL
Core Competencies: Data Structures & Algorithms, DBMS, OOPS, Frontend Development
Other Skills: Problem Solving, Project Management, Adaptability, Leadership, Time Management, Teamwork, Product Designing

PROJECTS

- **FlexiQuiz App:** FlexiQuiz App is a frontend adaptive quiz platform that adjusts question difficulty (Easy, Medium, Hard) based on user performance. Featuring topics like general knowledge, science, and tech, it's responsive, fast, and built with React and Tailwind CSS.

- **Student Hostel Management System** – Java, MySQL, AWT/JavaFX
  Developed a desktop app for hostel record management with admin dashboard, payment tracking, and MySQL database integration.

- **Library Management System** – Java, MySQL, Java Swing
  Developed a desktop application using Java, Java Swing, and MySQL to manage library staff and books. Features include adding/removing books and staff, and admin profile editing through a user-friendly GUI with database integration.

CERTIFICATIONS

- **Introduction to Databases and SQL for Data Science with Python-** Learned to write SQL queries, connect databases using Python, and perform data analysis using SQL.

- **Time Management & ways of thinking** - Developed effective time management strategies and enhanced problem-solving, critical thinking, and decision-making skills. Focused on improving productivity through structured thinking approaches and prioritization techniques.

- **Visual Elements of User Interface Design** [Coursera / California Institute of the Arts]
  Gained an understanding of fundamental UI design principles, including layout, color theory, typography, imagery, and composition. Focused on creating visually engaging and user-friendly digital interfaces.