

Deepak Sahni

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Enthusiastic entry-level developer specializing in frontend development. Proficient in Agile methodologies, SQL, and JavaScript frameworks (React, Node.js). Collaborates effectively to build user-centric applications, boosting system reliability and driving customer satisfaction.

EDUCATION

Bachelor of Arts (B.A.) – English Literature and Language

Aug 2018 - Jun 2021

Kumaon University Nainital, Uttarakhand, India

Diploma - Computer Science & Engineering

Aug 2017 - Oct 2020

Government Polytechnic Tanakpur, Champawat, Uttarakhand

EXPERIENCE

Junior Computer Operator

Aug 2024 - Present

Ashok Leyland Pant Nagar, On-site

- Contributed to requirements gathering, designed ER models, and assisted in the development process with a focus on data integrity and scalability. Utilized SQL to establish the foundational database structure.
- Worked on an RFID-based system used to track the inward and outward movement of vehicle components. Integrated with an SQL database, this system effectively manages material flow in the vehicle assembly process, ensuring accuracy and efficiency.

Teacher (IT DEPARTMENT)

May 2021 - Jan 2023

Shri Guru Nanak Inter College NanakMatta, Uttarakhand, On-site

- IT Teacher for grades 9 to 10, responsible for delivering curriculum and guiding students in foundational IT concepts. Focused on enhancing students' technical skills and fostering a strong understanding of key technologies.
- Developed and delivered engaging lessons on IT fundamentals, helping students grasp core programming, networking, and computer systems concepts. Developed and delivered engaging lessons on IT fundamentals, helping students grasp core programming, networking, and computer systems concepts.

PROJECTS

Interactive Quiz App: Dynamic, Responsive, and Engaging

Aug 2024 – Present

- A quiz app was built in JavaScript, offering dynamic question generation, real-time score updates, and instant feedback. It features randomized questions, tracks user progress, and is designed to be responsive, ensuring a seamless and interactive experience across different devices.

VPN Project

June 2024 – July 2024

- The project focuses on learning concepts deeply and implementing core VPN features such as tunneling, data encryption, and secure transmission protocols. JavaScript is used to manage the client-side interactions, including connection handling, encryption/decryption of data, and real-time status updates. The project also incorporates modern security protocols like TLS to ensure data integrity and confidentiality.

CERTIFICATES

- JPMorgan Chase & Co. Agile Experience.** (*Agile, Scrum, User Stories, Backlog Refinement, Daily Standups*).
- Intro to Software Engineering Job Simulation.**(*Initialized project, designed frontend, streamed data, and presented work*).

SKILLS

- Programming languages:** Java Programming, JavaScript, Python Programming, SQL, Neo4j
- Tools:** Agile Methodology, Customer Relationship Management, Machine Learning, VS Code