

Sapna Sarkar

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EDUCATION

Shivalik College of Engineering Dehradun <i>B.Tech ComputerScience Engineering</i>	June 2023 <i>GPA: 8.3/10</i>
Sarasvati Vidhya Mandir Inter College Dakhpatthar, Dehradun <i>Senior Secondary-(U.k Board)</i>	June 2018 <i>GPA: 9.3/10</i>
Sarasvati Vidhya Mandir High School Dakhpatthar, Dehradun <i>Higher Secondary-(U.k Board)</i>	June 2016 <i>GPA: 9.3/10</i>

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, AWS Academy Cloud Foundation.

SKILLS

Languages: Python, C, HTML/CSS, JavaScript/TypeScript, MySQL
Tools: Git/GitHub, VS Code, PyCharm
Soft Skills: Problem-solving, Teamwork, Time management, Hard Working, Adaptability.
technical Skills: Tailwind CSS, Material UI, React, Angular, Firebase, AWS Foundation.

PROJECTS

Educational-Gamification-App <i>HTML, CSS, Javascript, Git, React, Firebase, VS Code</i>	Feb. 2025
<ul style="list-style-type: none">• Learning platform that enhances education through gamification, featuring interactive quizzes, AI-powered recommendations, and a dynamic reward system.• Implemented real-time transitions, countdown timers, leaderboard for competitive rankings.• Integrated Google Gemini AI for smart quiz recommendations, adaptive difficulty scaling.	
Employee Task Tracking App <i>React, JavaScript, HTML/CSS, Git, Firebase, VS Code</i>	May 2023 – Present
<ul style="list-style-type: none">• Developed a full-stack web application with role-based authentication for employees and employers, enabling task assignment, performance tracking, and analytics.• Implemented task management with priority levels, notifications, and a leaderboard to enhance employee productivity.• Integrated interactive charts and reports for employers to monitor team performance and productivity metrics efficiently• Implemented an alert system to notify employees about task deadlines and performance updates, ensuring better task management and productivity	
Ecommercial Website <i>Javascript, HTML, CSS, Git</i>	Aug. 2022
<ul style="list-style-type: none">• Developed a fully dynamic e-commerce web application inspired by the official Casio website, featuring real-time product search, sorting, and wishlist functionality.• Implemented a responsive design with a mobile-first approach, ensuring seamless navigation across devices.• Utilized Firebase for efficient data management, enabling dynamic product details and wishlist storage.	

WORK AND POSITION OF RESPONSIBILITY

Masai School <i>Trainee</i> Full-Stack Web Development Training	August. 2024 – Present
Shivalik College of Engineering <i>Trainee</i> Completed 1 Month Angular industrial training	2022 – 2022

ACHIEVEMENTS

- Got 1st Position in B.Tech.
- Won 1st prize in a state-level drawing competition.