Atul Kumar

Motivated developer skilled in C/C++, HTML, CSS, and JavaScript with a strong foundation in both software development and web technologies. Experienced in building efficient, scalable code for web applications and enhancing user interfaces. Proven ability to work in collaborative environments, continuously seeking opportunities to innovate and improve processes. Committed to delivering high-quality solutions and staying updated with the latest industry trends.

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EDUCATION

Bachelor of Technology, Computer Science Engineering
PCTE institute of Engineering & Technology, Ludhiana

08/2021 - 06/2025   *7.51 CGPA*

Senior Secondary Education
Sh. Hargobind senior secondary school, Ludhiana

03/2019 - 03/2021   *9.82 CGPA*

PROJECTS

PCTE COLLEGE VOTING SYSTEM
- A voting system using Node.js, Express, and MongoDB allows users to register, log in, cast votes, and view results, with votes stored in a MongoDB database and managed via API endpoints.

STUDENT MANAGEMENT SYSTEM
- A Student Management System built with React, Node.js, Express, and MongoDB allows admins to manage students, with data stored in MongoDB and handled via Node/Express API endpoints.

SORTING ALGORITHM VISUALIZER
- A Sorting Algorithm Visualizer in React demonstrates algorithms like Bubble, Selection, Merge, and Quick Sort with step-by-step animations of element comparisons and sorting.

Car Rental System
- A Car Rental System in C++ enables users to rent and view the available cars, utilizing object-oriented programming and file handling for managing car availability.

WORK EXPERIENCE

REACT JS
Excellence Technology

07/2023 - 08/2023   *Mohali, India*

Tasks
- During this period, I developed a Sorting Algorithm Visualizer in React visually demonstrates sorting algorithms like Bubble Sort , Selection Sort , and Merge Sort , showing how elements are compared and sorted step by step through animations.

SKILLS

`C++` `OOPS` `JAVASCRIPT` `REACT` `HTML`
`CSS` `BOOTSTRAP` `NODE` `EXPRESS` `SDLC`
`MONGODB` `GIT` `GITHUB` `GIT BASH`

ACHIEVEMENTS & EXTRA CURRICULUM ACTIVITIES

Code Relay Competition
Secured second position in Code Relay Competition in Amiphoria 2024 organized by Amity University, Mohali, Punjab.

Debugging Competition
Secured second position in Debugging Competition in Tech Disha 2024 organized by Arya College, Ludhiana, Punjab.

Picto Competition
Secured first position in Picto in Festaweek 2023 organized by PCTE Group of institutes, Ludhiana, Punjab.

Nukkad Natak
Won third prize in Nukkad Natak in Festaweek 2023 in PCTE Group of Institutes, Ludhiana, Punjab.

General Secretary (09/2022 - 09/2023)
General Secretary of Volleyball Club in PCTE Group of institutes, Ludhiana, Punjab.

CERTIFICATES

JavaScript certification from HackerRank
I have done a certification in JavaScript from HackerRank, demonstrating proficiency in JavaScript fundamentals, problem-solving, and coding practices.

Web development Bootcamp 2024
I have completed a certification in web development bootcamp from Udemy, covering key aspects of web development including HTML, CSS, JavaScript and MERN stack.

LANGUAGES

English
Professional Working Proficiency

Hindi
Full Professional Proficiency

Punjabi
Full Professional Proficiency