

Tarun Kumar

LinkedIn: <https://www.linkedin.com/in/tarunkumar0007/>

Github: <https://github.com/tarunkumar1307>

Email: sskumartarun@gmail.com

Mobile: [+91 9269998482](tel:+919269998482)

SKILLS

Languages:	C++, JavaScript, SQL, HTML5, CSS3, Swift
Frameworks:	React.js, Node.js
Tools/Platforms:	PostgreSQL, MongoDB, Tailwind CSS, Vite
Soft Skills:	Problem-Solving, Team Player, Project Management, Adaptability

TRAINING

Hitbullseys (conducted by SPRUCE)

Jun' 2023 – Jul' 2023

Data Structure and Algorithm using C++

- Implemented and optimized fundamental data structure such as arrays, linked lists, stacks, queues, and trees.
- Designed and analyzed various algorithmic approaches, including Sorting (Quick Sort, Merge Sort), Searching (Binary Search), Greedy Algorithm and Dynamic Programming.
- Applied advanced problem-solving techniques and optimized algorithm complexity, enhancing computational efficiency.

PROJECTS

Weather API App | *React.js*

Jan 2025

- Developed a dynamic weather application using **React.js**, integrating a **third-party weather API** to provide real-time weather updates for any locations.
- Implemented data fetching and state management with React Hooks, ensuring a seamless and responsive user experience.
- Enabled geolocation-based weather predications, displaying key parameters such as temperature, humidity, wind speed, and atmospheric pressure with an intuitive dashboard.

N – Queen Visualizer | *Data Structure and Algorithm, C++*

Jun' 2024

- Developed an interactive N-Queen visualizer in C++ to demonstrate the working of backtracking algorithms with real-time step-by-step output.
- Optimized the algorithm using early pruning and efficient data structures to reduce recursive calls.
- Built a user-friendly command-line interface that dynamically adapts to various board sizes, ensuring scalability and ease of use for learners.

Himanshu Bicycles Hub – E - Commerce Website | *React.js, Tailwind CSS*

Apr' 2024

- Designed and developed a fully responsive e-commerce website for a bicycle store using **React.js** and **Tailwind CSS**, improving online visibility by **40%** and enhancing user experience by **35%**.
- Utilized React Hooks and state management to ensure smooth interactions, such as adding items to the cart and updating product views.
- Created dynamic UI components, including product listings and category pages, increasing user satisfaction by **30%** through intuitive layout and seamless navigation.

CERTIFICATES

Introduction to MongoDB | *MongoDB*

May' 24

HTML, CSS, and JavaScript for Web Developers | *Coursera*

Apr' 24

Server side JavaScript with Node.js | *Coursera*

Apr' 23

EDUCATION

Lovely Professional University

Bachelor of Technology

Computer Science and Engineering; CGPA: 7.66

Phagwara, Punjab

Aug' 22 – Present

St. Xavier's School

Intermediate

PCM; Percentage: 81.4%

Bhiwadi, Rajasthan

Mar' 21 – Apr' 22

St. Xavier's School

Matriculation

Percentage: 90%

Bhiwadi, Rajasthan

Mar' 19 – Jun' 20