Ashutosh Kumar

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SKILLS

- **Languages**: C++, Java, C, PHP
- **Frameworks**: HTML and CSS, Bootstrap, NodeJS, ReactJS
- **Tools/Platforms**: MySQL, MongoDB
- **Soft Skills**: Problem-Solving Skills, Team Player, Efficient Project Management, Agile & Adaptable

SUMMER TRAINING

- **Lovely Professional University – Professional Enhancement Department** June 2024-July 2024
  Program: Object-Oriented Programming Using C++ (Skill Development Course)
  - **About**: Gained hands-on experience in object-oriented programming concepts, data structures and algorithmic problem-solving. Developed efficient and scalable solutions while improving coding proficiency.

    Strengthened algorithmic problem-solving through daily coding problems involving sorting, searching, recursion, and dynamic programming.

    Built console-based applications demonstrating practical use of concepts like file handling, exception handling, and STL (Standard Template Library).
  - **Tech stacks used**: C++ · Object-Oriented Programming · Data Structures & Algorithms

PROJECTS

- **Fitness Edge LPU - Fitness Management Platform**: October 2024
  Developed a responsive gym website featuring user authentication, class booking, personalized workout recommendations, and progress tracking.
  Developed APIs to form a smooth interface between the database and the platform, ensuring seamless data flow and real-time updates.
  Implemented a BMI calculator to help users assess their fitness levels and set personalized health goals.
  Ensured responsiveness across devices using Bootstrap and optimized loading times for better user engagement.
  Tech: HTML, CSS, Javascript, Bootstrap, MySQL, PHP.

- **StayBnB – Property Booking Platform**: May 2024
  A full-stack web application, allowing users to view and book properties for short-term stays.
  Designed an intuitive user interface for seamless browsing and booking experience.
  Implemented a secure backend for managing property listings, user authentication.
  Enhanced user engagement with dynamic search filters, real-time availability updates, and responsive design.
  Stored and managed property listings and user data using MongoDB with optimized queries for performance.
  Tech: HTML, CSS, JavaScript, Bootstrap, MongoDB, Express.js, Node.js, REST APIs

- **TaskNest – Personal Task Manager App**: April 2023
  Developed a simple and responsive task management web application to help users organize their daily activities and track task progress.
  Created CRUD functionalities for tasks, enabling users to add, edit, delete, and mark tasks as completed.
  Designed filters to sort tasks by priority, status, or due date, enhancing task navigation and productivity.
  Ensured mobile responsiveness using Bootstrap and optimized the user interface for a smooth user experience across all devices.
  Tech: HTML, CSS, JavaScript, Bootstrap, MongoDB, Express.js, Node.js, REST APIs

CERTIFICATES & CERTIFICATIONS

- NPTEL Cloud Computing ELITE From IIT KHARAGPUR — September 2024 - November 2024
- HTML, CSS, and Javascript for Web Developers By COURSERA (John HopKins University) — April 2024
- Server side JavaScript with Node.js By COURSERA (NIIT) — April 2024
- The Bits and Bytes of Computer Networking By COURSERA (Google) — March 2024
- Programming in C++: A Hands-on Introduction By COURSERA — February 2024

EDUCATION

- **Lovely Professional University** Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.54*** *Since August 2022*

- **R.R.S College** Mokama, Patna
  *Intermediate; **Percentage: 77%*** *May 2020 – March2022*

- **S.B.P High School** Shivnar, Mokama
  *Matriculation; **Percentage: 81%*** *April 2020*