

# Nilesh Kumar

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## SKILLS

- **Languages:** C++, JavaScript, Java
- **Frameworks:** Angular, React.js, Laravel
- **Tools:** MySQL, MongoDB, Git&Github, AWS
- **Platforms:** LeetCode, GeeksforGeeks, Codechef

## TRAININGS

### GeeksforGeeks

#### Data Structures and Algorithms

May 2024 – August 2024

- An Completed extensive training in Data Structures and Algorithms, focusing on problem-solving and optimization techniques
- Gained hands-on experience in implementing arrays, linked lists, stacks, queues, trees and graphs
- Mastered algorithmic concepts such as sorting, searching, recursion, dynamic programming, and backtracking
- Solved multiple coding challenges to enhance logical thinking and competitive programming skills

## PROJECTS

### Video Conferencing App | MERN Stack

November 2023 – December 2023

- Developed a real-time video conferencing application with seamless audio and video communication
- Designed an intuitive and responsive UI using React.js for enhanced user experience
- Built a scalable backend using Node.js, Express.js, and MongoDB for efficient data management
- Optimized network performance to reduce latency and improve call quality
- **Tech:** React Js, Node Js, express Js, MongoDB

### NotesBank – Multiplatform note taking web application| MERN Stack

September 2024 –October 2024

- An online note-taking application that allows users to add, edit, and delete notes within their accounts
- Utilized MongoDB for efficient data storage and management
- Designed a responsive and intuitive UI using React.js and CSS for an enhanced user experience
- **Tech:** React Js, Node Js, express Js, MongoDB

### E-commerce Website | MERN Stack

August 2024 –September 2024

- Built a fully responsive e-commerce platform inspired by Amazon and Flipkart
- Implemented key features such as product listings, search functionality, and a shopping cart for seamless navigation
- Ensured optimal performance and cross-device compatibility for mobile, tablet, and desktop users
- Focused on an intuitive UI/UX to enhance user engagement and accessibility
- **Tech:** React Js, Node Js, express Js, MongoDB

## CERTIFICATES

- Full stack web development masterclass by Udemy February 2023
- Gen AI certifications from top institutions by DeepLearning.AI, Google Cloud, Vanderbilt University August 2023
- The Bits and Bytes of Computer Networking by Google November 2023
- Data Structures and Algorithms by GeeksforGeeks July 2024
- Cloud Computing by NPTEL December 2024

## ACHIEVEMENTS

- **Solved 200+ problems on various online platforms** (LeetCode , CodeChef and GeeksforGeeks)

## EDUCATION

- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 7.01* Since September 2022 - Present
- **R.K.N.S High School** Bihar, India  
*Intermediate; Percentage: 78.6%* April 2020 – March 2021
- **R.K.N.S High School** Bihar, India  
*Matriculation; Percentage: 84%* April 2018–March 2019