

# ABHISHEK KUMAWAT

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[Linkedin](#) | [Github](#) | [LeetCode](#)

## EDUCATION

**Netaji Subhas University of Technology (NSUT)**

B.Tech Computer Science (Internet Of Things)

CGPA: 7.61 (Rank : in Top 20)

New Delhi, India

July 2021 - July 2025

**Vardhaman International School**

Class XII Marks: 87 % (Rank 2/62)

Jaipur, India

May 2019 - May 2020

## EXPERIENCE

**Roxwell Technologies Pvt. Ltd. | Certificate**

June 2024 - Aug 2024

- Crafted and implemented a responsive user interface aligning with the project's requirements boosting user interaction by 35%.
- Engineered a robust RESTful API system that efficiently managed over **10,000 daily requests**, integrating stringent security protocols to minimize **unauthorized access by 99%**.
- Collaborated on **layout designs** that increased data collection **efficiency by 20%**, while ensuring seamless user experience.

## PROJECTS

**Whatsapp Clone | Link**

MERN stack

- Designed an innovative messaging system that mirrors WhatsApp features, **utilizing Socket.io** for real-time interactions, improving real-time interaction **latency by 40%** and scored **99% performance** rating on Google Lighthouse.
- Designed **APIs and implemented scalable website architecture**, enabling real-time messaging and user authentication with optimized performance.
- Employed **Redux and Redux Persist** resulting in a 50% reduction in state management-related bugs.
- Integrated **video calling** functionality using simple-peer, enhancing user engagement and interactivity.
- Integrated secure user **authentication using JWT**, coupled with role-based access control and refresh tokens reducing unauthorized access by 80%.

**Portfolio | Link**

ReactJS , MongoDB, NodeJS

- Created a personal website to showcase projects, skills, and creativity, achieving a 91% performance score on Google Lighthouse.
- Managed user data efficiently with **MongoDB**, achieving 25% faster data retrieval compared to traditional methods.
- Incorporated animation effects to ensure an engaging and lively user experience.

**Forkify App | Link**

JavaScript, HTML , CSS

- Designed a recipe search application with a sleek and intuitive user interface.
- Implemented API integration for asynchronous data fetching, enhancing data **loading speed by 25%**.
- Enabled partial rendering (pagination) of search results, providing users with a seamless experience.
- Added **custom JavaScript features** to update content without reloading the entire page, **reducing page reload times by 40%**.

## SKILLS

<b>Programming Languages:</b>	C++, C, JavaScript, HTML, CSS
<b>Libraries/Frameworks:</b>	ExpressJS, ReactJS, NodeJS, Tailwind CSS, Bootstrap, Socket.io, PeerJS
<b>Tools/Platforms:</b>	Visual Studio Code, Github, Git Version Control
<b>Databases:</b>	MySQL, MongoDB
<b>Computer Fundamentals:</b>	Operating System, Computer Network, OOPS, Database Management System, Data Structures and Algorithms, System Design .

## AWARDS & ACHIEVEMENTS

- Ranked in **Top 10** against **100+ teams** in *FrontEnd Fiesta*, a competition organised by IEEE (2023).
- **Selected and Represented** NSUT across colleges in *Smart India Hackathon* with 5k+ participants.
- Achieved **Special Achiever** award for academic and extracurricular achievements for **7** consecutive yrs.
- Achieved **Peak rating of 1751** on Leetcode.
- **Winner & Captain** of basketball team, represented school at the **inter school** tournaments.

## POSITIONS OF RESPONSIBILITY

- **Member**, *NITI Aayog*, COVID Nat'l campaign, supported 10K+ citizen with resource distribution.
- **School Head Boy**, Organised 2 fests, basketball of 2K+, in-charge of disciplinary & extra-curr. activities.
- **Core Member**, Juvenile Care NGO, contributed in 20+ drives to **educate underprivileged children**.
- **Editor**, Literary Magazine, edited & contributed in 10+ editions with 50+ articles across genres.