ABHISHEK KUMAWAT

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

EDUCATION

Netaji Subhas University of Technology (NSUT)   New Delhi, India
B.Tech Computer Science (Internet Of Things)   July 2021 - July 2025
CGPA: 7.61 (**Rank** : in **Top 20**)

Vardhaman International School | CBSE   Jaipur, India
Class XII *Marks:* 87 % (**Rank 3/62**)   May 2019 - May 2020

SKILLS

Programming Languages:	C,C++, HTML5, CSS3, JavaScript.
Libraries/Frameworks:	server-side logic, NodeJS, ExpressJS,ReactJS, Redux, Tailwind CSS, Socket.io, PeerJS.
Tools/Platforms:	Visual Studio Code, Github, Git
Databases:	SQL, NoSQL, My sql , mongo db.
Computer Fundamentals:	operating System, Database Management System, Data Structure and Algorithms, Object-Oriented Programming(OOPS), System Design
Other Skills:	complexity analysis, problem-solving, communication.

EXPERIENCE

Roxwell Technologies Pvt. Ltd. | Certificate | Internship   June 2024 - Aug 2024
Position: Full Stack Developer

- Implemented search bar along with complete functionality(API , ltering etc) aligning with the project's requirements boosting user interaction by 35%.
- Worked in a team of 4 finishing the work before deadlines.
- Engineered a robust RESTful API system and chaching mechanism that efficiently managed over **10,000 daily requests**, integrating stringent security protocols to minimize **unauthorized access by 99%**.
- Understanding in writing high quality Code, with good test coverage, and working knowledge to complete projects with minimal defects.

PROJECTS

Whatsapp Clone | Link   MERN stack

- With this project I am aiming to learning **real time communication via text and voice(audio and video), multimeadia sharing, security , RESTful API's, State Management**.
- 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 secure user **authentication using JWT**, coupled with role-based access control and refresh tokens reducing unauthorized access by 80%.
- Integrated video calling functionality using simple-peer, enhancing user engagement and interactivity with **cross-browser compatibility**.

Forkify App | Link   *JavaScript, HTML , CSS*

- With this project I am aiming to learning MVC model, asynchronous programming and object oriented programming in JS.
- 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 and Added custom JavaScript features **(virtual DOM)** , providing users with a seamless experience and reducing page reload times by 40

POSITIONS OF RESPONSIBILITY

- **Executive member of codechef NSUT**, contribted in organising 10+ contests in the campus Fests.
- **Core Member**, Juvenile Care NGO, contributed in 20+ drives to **educate underprivileged children.**

AWARDS & ACHIEVEMENTS

- Ranked in **Top 10** against **100+ teams** in *FrontEnd Fiesta*, a competition organised by IEEE (2023).
- Achieved **Special Achiever** award for academic and extracurricular achievements for **7** consecutive yrs.
- Solved over 900 problems on leetcode and achieved **Peak rating of 1783**.
- **Winner & Captain** of basketball team, represented school at the **inter school** tournaments.