

# ABHINANDAN KUMAR

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## Education

### Chandigarh University

*Bachelor of Engineering in Computer Science & Engineering*

August 2021 – May 2025

*Mohali, Punjab*

### Shri Bhawani Niketan Public School

*Intermediate*

April 2019 – May 2020

*Jaipur, Rajasthan*

## Technical Skills

**Languages:** C++, JavaScript

**Web Dev Tools:** VsCode, Git, GitHub

**Databases::** MySQL, MongoDB

**Technologies/Frameworks:** React.js, Node.js, Tailwind CSS, Express.js, Redux, Canva

**Concepts::** Data Structures and Algorithms, DBMS, OOPS, Operating System, Computer Network

**Interpersonal Skills:** Analytical and Problem Solving , Collaborative, Self-learning, Adaptability.

## Experience/Projects

### Connectly | *MERN Stack*

**Present**

- Engineered a real-time chat and collaboration tool leveraging MongoDB, Express.js, React.js, and Node.js, enhancing system productivity by 40%.
- Optimized backend APIs to decrease latency by 30% and improve server response efficiency.
- Crafted an adaptive and user-friendly interface, ensuring 100% compatibility across devices.
- Incorporated WebSocket technology, increasing real-time communication speed by 50% and improving user satisfaction.

### Job Pooler | *MERN Stack*

**April 2024 -November 2024**

- Constructed a job pooling platform utilizing MongoDB, Express.js, React.js, and Node.js, improving recruitment workflows by 60%.
- Integrated modules for job postings, advanced search filters, and applicant tracking, elevating user experience by 75%.
- Developed a mobile-responsive interface, ensuring seamless accessibility across all devices and platforms.
- Implemented real-time notifications for job updates, reducing response time by 40% and enhancing user engagement.

### Online Code Editor | *Frontend*

**December 2023 - March 2024**

- Built a simple online code editor using HTML, CSS, and JavaScript, allowing users to write and execute HTML, CSS, and JavaScript code in real time.
- Implemented a live preview feature that updates output dynamically as users type, enhancing the coding experience.
- Designed a clean and responsive UI to ensure usability across different devices and screen sizes.

## Achievements

- Published a research paper on "Exploring ApexWolf: A Study of a Cryptocurrency Exchange Website," analyzing its features, security, and trading mechanisms.

## Certification

### Introduction to Web Development and Web Design

**July, 2023**

*Coursera*

### Internet of Things

**October, 2023**

*NPTEL*

### Introduction to React.Js

**February, 2024**

*Infosys Springboard*

## Interests & Hobbies

- Problem Solving.
- Sports.
- Chess.