ABHISHEK SINGH

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Education

Cochin University of Science and Technology, Kerala   **2021 - 2025**
B.Tech in Computer Science & Engineering   *8.55/10 CGPA*

Salwan Boys Sr Sec School, Delhi   **2018-2020**
                                                                                8.6/10 CGPA

Projects

VidConnect   <u>Online</u>
- Implemented real-time video and chat functionalities, achieving an average latency reduction of 30% and enhancing video quality by 20%, ensuring seamless communication experiences.
- Designed and launched a **syntax-highlighting live editor** for technical interviews, enhancing collaborative coding sessions and cutting candidate assessment time by 50%, boosting interviewer satisfaction rates by 25%
- Capture important points during calls and seamlessly **download them as PDF files** for easy reference and sharing
- Enhanced collaboration during calls by accessing detailed **GitHub profiles and repositories**, resulting in a 30% productivity increase and 20% faster task reviews

Twillingo   <u>Online</u>
- Constructed a responsive **full-stack MERN application**, encompassing vital features such as streamlined user registration dynamic post management , interactive post interactions and friend connection.
- Leveraged **Node.js , Express.js and MongoDB** to build a dynamic and scalable backend for seamless user experiences.
- Employed **JSON Web Token(JWT)** for secure user authentication and authorization , with bcrypt for password encryption.
- Executed **CRUD operations with MongoDB** to streamline database interactions, improving application performance.

MovieFlex   <u>Online</u>
- Developed a robust website leveraging **The Movie Database (TMDb) API** to provide users with comprehensive and up-to-date movie information.
- Leveraged **Redux for centralized state management**, streamlining data handling across multiple components in a React application..

Technical Skills

Languages: C++,Java,JavaScript
Backend Node.js, Express.js
Frontend: ReactJs, TailwindCSS, HTML, CSS,
Web Technologies: WebRTC , Socket.IO
Developer Tools: VS Code, GitHub, figma

Coursework

Data Structure and Algorithms	**Computer Networks**
Object Oriented Programming	**Database Management System**

Work Experience

CLUMOSS   **MAY 2024 – JUNE 2024**
Web Developer   *Remote*
- Design and Layers of all the Components of a shoe Website
- Completed the Project with a team of 4 people
- Created a user-centric dashboard UI and optimized website for mobile devices, improving load times by 40 percent; elevated overall user engagement by 30 percent and conversion rates by 20percent.
- **Technologies** used: **React.js , tailwindCss**

Certificates

freecodecamp Responsive Web Design   **March 2024 – present**
                                                                                    -20pt

freecodecamp React   **April 2024 – present**
Achievements   *-40pt*

- Successfully completed over 400 Data Structures and Algorithms challenges across multiple platforms, continuously refining advanced problem-solving skills.
- Selected for **HactoberFest open source program** and contributed in more than 10 projects