

ABHISHEK KUMAR SINGH

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Education

Chandigarh University

Bachelor of Engineering in Computer Science

08/2021-05/2025

CGPA - 8.22/10.0

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Computer Networks
- Systems Programming
- Operating System
- Database Management
- OOPS
- Artificial Intelligence

Experience

Institutional Training

05/2023-07/2023

- Completed 60+ hours of training on **HTML, CSS, JavaScript, ReactJS**, mastering 25+ core concepts in 2 months.
- Developed **5+ projects** (including Twitter Clone, Portfolio, and others), implementing 20+ reusable components, ensuring **95%+ responsiveness**, and optimizing performance with faster load times.

Projects

Onion—Live | Code | Html, CSS, Javascript, React

09/2024-12/2024

- Executed the creation of Onion as a feature-rich web application leveraging modern technologies like **ReactJS and CSS** frameworks. Findings revealed three major causes behind dropped sessions leading to targeted improvements.
- Created dedicated pages showcasing detailed ingredient lists and nutritional values, fostering consumer trust and transparency, contributing to a **rise** in site traffic and **improvement** in conversion rates.
- Refined multi-device performance strategies resulting in uninterrupted user engagement on desktops and mobiles; achieved measurable improvements of **in** retention rates through targeted adjustments based on usage analytics.

PixelHunt—Link | Code | Html, CSS, Javascript, React , Redux

02/2025-03/2025

- Built a fully responsive image search platform using **React.js** and seamlessly integrated the **Pixabay API** for real-time, high-quality image fetching based on user queries.
- Designed a clean, intuitive, and user-friendly UI with dynamic search capabilities, adaptive image grid layout, and preview functionality to enhance overall user experience.
- Followed best modular coding practices with reusable, well-structured components and implemented efficient state management using **React Hooks** for optimal performance.

GridGenius—Link | Code | Html, CSS, Javascript, Recursion

02/2024-04/2024

- Engineered a responsive implementation of the **high-speed Sudoku solver** capable of processing up to five concurrent users at once while maintaining sub-second response times across different devices during **peak usage periods**.
- Transformed existing **algorithms** leading to drastic reductions in processing delays; managed thorough testing on diverse datasets ensuring flawless performance under peak loads with zero failures.
- Crafted a robust multi-platform GUI with **HTML/CSS/JavaScript** technologies that facilitated **consistent performance** across five top-tier operating systems; directly contributed to improved **usability** leading to heightened **customer satisfaction**.

Technical Skills

Languages: C++ , HTML , CSS, JavaScript, SQL , Python

Technologies/Frameworks: Reactjs , Bootstrap

Developer Tools: VS Code, Android Studio, Vite, GitHub, Git

Achievement / Extracurricular

- Attained a maximum rating of **1704**, placing in the top 9 percent globally, solving over **500+** challenging Problems. View Profile .—Link
- Demonstrated tenacity by ranking within the elite group as one of only approximately two thousand three hundred participants from half a million total entrants during challenging assessments on Naukri.com's platform..—Link
- Global Ranks in CodeChef Starters: Secured Global **Rank 386** in Starters 122 (top 1.3 percent) and **761** in Starters 123 (top 2.5 percent) out of **30000+** participants. Codechef rating - **1750**.—Link

Cerifications

- Front End Web Development Using React - Coursera .
- SQL Advanced - HackerRank .
- Internet Of Things By IIT KGP - NPTEL .