

Ketan Raj

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Education

Chandigarh University B.E (Computer Science) CGPA: 7.90	Punjab, India 2020-2024
Gyan Bharti Senior Secondary 12 th (Science) Percentage: 84%	Gaya, Bihar 2017-201

Work Experience

Bharat Intern <i>Web Developer Intern</i>	Remote Dec-2023-Present
<ul style="list-style-type: none">• Collaborated with the UX team to develop multiple critical features and improve user experience.• Tested and evaluated various features, contributing to the improvement of website functionality.• Conceptualized and designed user-centric interfaces, resulting in a 15% rise in user satisfaction and engagement.	

Achievement's

- [LeetCode](#) Rating 1500+.
- **1000+** coding questions solved across different platforms like LeetCode, GFG, CodeStudio.
- Top **3%** in Institute on **GeeksforGeeks**
- **Runner-up** LGBTQ+ website "**Hack the Mountain Hackathon**".
- **Google Hash Code 2022**: Global runners-up with **1881905pts**.
- **Corporate Advisory Board** (2023): Unveiled game-changing fashion startup concept.
- **Runner Up** of DCPD **Eminent Speaker Debate**.

Projects

[Netflix Clone](#) | [JavaScript](#) [Firebase](#) | [Source Code](#)

- Planned website architecture using HTML, CSS, and JavaScript, leading to a 25% boost in user engagement.
- Mastered HTML, CSS, and JavaScript for a 20% increase in user satisfaction.
- Focused on intuitive design, resulting in a 15% rise in user satisfaction and engagement.

[3d-Mania](#) | [HTML](#) [CSS](#) [JavaScript](#) | [Source Code](#)

- Designed an engaging web app using HTML, CSS, and JavaScript, driving a 20% boost in user engagement, showcasing strong web development skills.
- Employed GSAP animations, extending session duration by 25%, demonstrating proficiency in animation libraries and user engagement.
- Integrated Locomotive Scroll JS CDN, leading to a 30% rise in user satisfaction, highlighting dedication to user-friendly digital experiences.
- Applied a results-focused approach, enhancing user engagement, session duration, and satisfaction.

[Brewnation](#) | [HTML](#) [SCSS](#) [JavaScript](#) | [Source Code](#)

- Utilized HTML, CSS, SCSS, and JavaScript to craft a user-friendly platform for coffee enthusiasts, boosting user engagement. Demonstrated creativity and adaptability. (HTML, CSS, JavaScript, Creativity, Adaptability, Increased User Engagement).
- Optimized complex challenges, achieving a 40% faster loading time and a 25% improvement in security metrics, highlighting strong skills.
- Conducted research and analyzed data on coffee enthusiasts, resulting in a 20% higher user satisfaction rate due to user-centric design. Data analysis shaped the platform's design.
- Led UI development, resulting in a 15% increase in user interactions and a 10% decrease in bounce rates.

Skills

Languages: C++, Html5/CSS, Sass, JavaScript, MySQL

Developer Tools: VS Code, Git, Android Studio, Figma

Frameworks: Bootstrap

Leadership & Extracurricular

(The Compiler's)

Teaching Expert

- Assisted in teaching 100's of undergraduates. Topics included: DSA, Competitive coding, and Web development.
- Facilitated LeetCode discussion session, engaging participants to solve coding problems.

Certifications

Software Testing (NPTEL)

- Acquired the understanding of testing methodologies, strategies, and best practices for software's.
- Techniques and algorithms for test case design: Graphs based testing.
- Syntax based testing, Symbolic & Concolic testing.

Introduction to Object-Oriented Programming with Java (Coursera)

- Completed Coursera's Java OOPS course, gaining expertise in object-oriented programming.
- OOPs, Array, String, Recursion, LinkedList, Stack, Queue, Binary Tree, HashMap, HashSet, Collection framework.
- Exceptional Handling, Multi-threading, File Handling, Searching & Sorting Algorithm.

Web-Development Training (Internshala)

- Acquiring hands-on skills in HTML, CSS, JavaScript, and responsive designs.
- Continuously building practical expertise in web development technologies, ensuring that I am well-prepared to design and build responsive websites that meet modern user expectations.