

RITU SINGH

SOFTWARE DEVELOPER / WEB DEVELOPER

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PROFESSIONAL OVERVIEW

Motivated Computer Science graduate with a strong foundation in web development and software engineering. Skilled in HTML, CSS, JavaScript, Bootstrap, MERN stack, SQL, basic Python, and design tools like Canva and Figma. Experienced in building dynamic, user-centric web applications through projects and internships. A collaborative problem-solver passionate about delivering high-quality solutions and eager to grow by tackling real-world challenges.

WORK EXPERIENCE

Web Developer Intern

Codec Technologies Pvt. Ltd. | July 2024- August 2024

- Designed and developed responsive user interfaces using HTML, CSS, and JavaScript.
- Collaborated with the team to enhance the functionality and aesthetics of web applications.
- Improved website performance and implemented best practices for frontend development.
- Gained hands-on experience in modern development tools and frameworks.

PROJECT

Gym Fitness Web App

Tech Stack: MERN (MongoDB, Express.js, React.js, Node.js)

- Created a gym management system featuring class bookings, membership plans, workout logs, and progress tracking with statistics and charts.
- Integrated user profiles with editable fitness goals, personalized dashboards, and a calendar-based scheduling system.
- Built admin functionalities to manage trainers, classes, and user subscriptions.

Blog Website

Tech Stack: MERN (MongoDB, Express.js, React.js, Node.js)

- Designed a blogging platform allowing users to create, read, update, and delete blog posts.
- Implemented category-based blog search, rich-text editing, and responsive design.
- Added backend APIs with Express for blog CRUD operations and MongoDB for post storage.

EDUCATION

Bachelor's degree

B. tech – Computer Science & Engineering

Dr APJ ABDUL KALAM TECHNICAL UNIVERSITY

2021-2025

Senior Secondary Education (Class 12)

St. John Secondary School, 2021

Secondary Education (Class 10)

D.A.V. Public School, 2019

TECHNICAL SKILLS

Programming language: -

Java(Basic), Python (Basic)

Frontend: -HTML, CSS,

JavaScript, Bootstrap, React, WordPress, jQuery, UI/UX

Backend: -MongoDB, Express.js, Node.js, RESTful APIs

Other Skills: - My SQL, Google fire base, Microsoft Office, Figma, Canva

SOFT SKILLS

- Communication
- Teamwork
- Critical thinking
- Time management
- Leadership
- Adaptability

Online Food Store

Tech Stack: MERN (MongoDB, Express.js, React.js, Node.js)

- Developed a Zomato-style food ordering web app with restaurant listings, menu browsing, cart, and checkout.
- Implemented user roles (admin/customer), real-time order tracking, and secure login/registration with JWT.
- Used MongoDB for structured restaurant and order data storage and React for smooth user interactions

Ecommerce Website

Tech Stack: MERN (MongoDB, Express.js, React.js, Node.js)

- Built a full-featured ecommerce platform inspired by Amazon with product listings, search filters, cart, checkout, and user authentication.
- Integrated payment gateway simulation and admin panel for inventory and order management.
- Ensured responsive UI with modern design, real-time updates, and persistent user sessions.

Card Game (UNO Inspired)

Tech Stack: HTML, CSS, JavaScript

- Created a single-player card game based on UNO rules, simulating turn-based card drawing, color matching, and special cards.
- Designed an engaging visual layout with real-time interaction logic and win/loss conditions.
- Added animations and audio cues to enhance the gameplay experience.

Quiz Website

Tech Stack: HTML, CSS, JavaScript

- Developed a quiz platform where users can take timed quizzes on various topics.
- Included features like score display, question navigation, and immediate answer feedback.
- Ensured a visually appealing and responsive layout for improved user experience.

Hover Game

Tech Stack: HTML, CSS, JavaScript

- Designed a fun interactive game where users score points by hovering the mouse over moving cards of different shapes.
- Each shape had unique point values, encouraging quick reflexes and precision.
- Implemented score tracking and random card generation to increase replay value.

Tic Tac Toe Game

Tech Stack: HTML, CSS, JavaScript

- Built a browser-based classic Tic Tac Toe game with two-player functionality.
- Implemented win/draw logic and responsive layout for both mobile and desktop views.

CERTIFICATION

Web Development Intern Codec Technologies India | 1-Month Internship

- Successfully completed a 1-month intensive internship in Web Development, working on both design and functionality of real-world applications.
- Developed responsive, user-friendly websites using HTML, CSS, JavaScript, with a focus on clean UI and smooth UX.
- Gained exposure to project deployment, debugging, and best practices in frontend development.

Python Basics – Getting Started with Python Coursera | Completed Online Course

- Completed an introductory course covering Python fundamentals, including variables, data types, conditionals, loops, and functions.
- Gained hands-on experience through coding exercises and real-time problem-solving using Python.

Flipkart Grid 5.0 – Software Development Track Organized by Flipkart | [2023]

- Participated in Flipkart Grid 5.0, a competitive software development event, focused on real-world problem-solving and coding challenges.
- Worked on tasks that required strong algorithmic thinking, data structures, and system design.
- Gained practical experience in software development and team collaboration in a high-pressure environment.

LANGUAGE

English
Hindi