

Himanshu Raj

Objective

Web Developer with expertise in **JavaScript**, building modern, responsive web apps. Focused on crafting clean **User Interfaces (UI)** and robust **backend services**.

Technical Skills

Programming Languages:	JavaScript, Java (Core)
Web Technologies:	HTML, CSS, Node.js
Frameworks & Libraries:	Express.js
Developer Tools	Git, GitHub, VS Code

Projects

Blogging Website

Tech Stack: Node.js, Express.js, HTML, CSS

- Developed a full-featured blogging platform allowing users to create, read, update, and delete posts with secure user authentication.
- Built a RESTful API to handle backend logic and database communication, ensuring smooth data flow.
- Integrated role-based access control for authors and admins to manage posts effectively.
- Designed a mobile-friendly, responsive UI to provide a seamless reading and writing experience across devices.

URL Shortener

Tech Stack: Node.js, Express.js

- Created a backend service to generate unique short links with automatic expiration handling.
- Implemented redirection logic with proper validation to prevent dead or malicious links.
- Optimized database queries for faster lookups and ensured scalability to handle large volumes of requests.
- Built an analytic feature to track link usage and clicks for better insights.

Tic-Tac-Toe Game

Tech Stack: HTML, CSS, JavaScript

- Built a classic Tic-Tac-Toe game with an engaging UI supporting two players.
- Implemented robust game logic for alternating turns, detecting wins, draws, and resetting the board.
- Styled the board with hover effects and animations for interactive gameplay.
- Added basic AI logic to allow single-player mode against the computer.

Education

Chitkara University, Himachal Pradesh

Bachelor of Engineering, **Computer Science**

CGPA: 9.68 (2023 to 2025)