VISHAL TIWARI

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Professional Summary

Computer Science undergraduate with strong foundations in Java, Data Structures, and Frontend Development. Experienced in building interactive web applications, browser-based games, and React projects with live deployments. Currently learning backend development using the MERN stack, focusing on scalable full-stack applications.

Education

Bachelor of Technology in Information Technology   **2023 − 2026**
Lucknow Institute of Technology   *India*

Technical Skills

Languages: Java, JavaScript, HTML, CSS, SQL

Frontend: React, Context API, Responsive Design

Backend (Learning): Node.js, Express.js, MongoDB

CS Fundamentals: Data Structures and Algorithms (Java)

Tools: Git, GitHub, VS Code, IntelliJ IDEA

Projects

Interactive Browser Game (Mario-style)   *HTML, CSS, JavaScript*

– Developed a browser-based interactive game with animations, collision detection, scoring, and level progression.
– Implemented event-driven logic and dynamic DOM updates for real-time gameplay.
– Live Demo

REST Country Explorer Web App   *JavaScript, REST API*

– Built a dynamic web application consuming REST Countries API with search, filtering, pagination, and dark/light mode.
– Focused on asynchronous JavaScript, API handling, and DOM rendering.
– Live Demo

Password Generator App   *React, Hooks*

– Built a React-based password generator using hooks such as useState, useEffect, and useRef.
– Implemented dynamic password rules, clipboard copy functionality, and responsive UI updates.
– Live Demo

Java Game Projects (Snake & Tic Tac Toe)   *Java*

– Developed logic-based games implementing collision detection, game state handling, and win-condition logic.
– Applied object-oriented programming and Data Structures fundamentals.
– Snake Game   —   Tic Tac Toe

UI & JavaScript Mini Projects   *HTML, CSS, JavaScript*

– Built a professional Yoga Studio landing page focusing on layout, responsiveness, and visual hierarchy.
– Created interactive JavaScript projects including a stopwatch and cursor-based animation effects.
– Stop Watch
– Moving Heart,
– Yoga Studio landing page

Currently Learning

Backend development using MERN stack (Node.js, Express.js, MongoDB), REST API design, authentication, and full-stack project development.