

Utsav Jha

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Education

VIT Bhopal University

Bachelor of Technology in Computer Science

CGPA: 8.60

📅 Oct 2022 – May 2026

Sehore, Madhya Pradesh

Public School Darbhanga

Higher Secondary

Percentage: 83%

📅 Apr 2022

Darbhanga, Bihar

Delhi Public School Kadirabad

Secondary

Percentage: 90.6%

📅 May 2020

Darbhanga, Bihar

Projects

Backend CRUD App | MongoDB, Express.js, Node.js, EJS, Tailwind CSS | 🔗 [Link](#)

May 2025

- Engineered a complete backend CRUD application using **Node.js** and **Express.js**, supporting **full user lifecycle management** (create, read, update, delete).
- Designed and deployed **MongoDB schema** to handle up to **10,000+ user records** efficiently with optimized indexing.
- Implemented **EJS** for server-side rendering, improving SEO and reducing initial load time by **35%**.
- Crafted responsive pages using **Tailwind CSS**, reducing custom CSS by **70%** and enhancing design consistency.

EarthMark: Eco-Score Checker for Amazon | React.js, Node.js, MongoDB, Postman | 🔗 [Link](#)

Dec 2024

- Built and deployed a full-stack application to calculate eco-scores of Amazon products using **React.js**, **Node.js**, and **MongoDB**, analyzing over **10+ product entries**.
- Engineered and tested **5+ RESTful API endpoints** via Postman to ensure reliable frontend-backend communication.
- Crafted a custom JavaScript algorithm that computes eco-scores based on **7+ environmental parameters**, reducing manual calculation time by **90%**.
- Built a responsive **React.js** UI with adaptive layouts, ensuring consistent performance across mobile, tablet, and desktop devices.
- Advanced to the first round of **Amazon Sambhav Hackathon 2024** among **1,000+ teams** by building a working MVP within 36 hours.
- Documented algorithm design, tech stack rationale, implementation challenges, and scalability scope in a technical report.

Technical Skills

Languages: C++, C, Java, Python, JavaScript, SQL, PL/SQL, HTML, CSS

Web Development: MERN Stack (MongoDB, Express.js, React.js, Node.js), PHP

Databases & Analytics: MongoDB, MySQL, Excel

Developer Tools: VS Code, Git, GitHub, Canva

Core CS Concepts: DSA, OOPs, DBMS, OS, CN, SDLC

Certifications

• Associate Database Administrator — MongoDB

May 2025

• Cloud Computing — NPTEL

Apr 2024

Achievements & Interests

Co-Curricular Achievements

- Earned the **365 Days Badge** on LeetCode solving 550+ questions, showcasing dedication to daily coding practice.
- Accomplished the **100 Days of Code** challenge on LinkedIn, improving C++ development proficiency.
- Advanced for the **second round** of Amazon Smbhav Hackathon 2024, representing the university.

Languages & Hobbies

- Languages:** Fluent in English and Hindi.
- Hobbies:** Chess (strategic thinking), consuming movies/web series/comics/anime (storytelling appreciation).