ANUJ BHUSHAN TIWARI

Arrah, Bihar

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# EDUCATION

**VIT Bhopal University, Bhopal** — **B.Tech in Computer Science and Engineering** *Sep 2022 – May 2026*

**CGPA:** 9.02/10 | Bhopal, Madhya Pradesh

* **Cultivated advanced analytical and computational skills** through rigorous coursework in **computer programming, data structures, machine learning, and software engineering principles**, emphasizing problem analysis, algorithm design, and system optimization.

# PROJECTS

**Dummy\_Social: A Full-Stack Social Media CRUD Application** *Mar 2025 – Apr 2025*

* Developed Dummy Social, a full-stack social media platform leveraging MongoDB, ExpressJS, NodeJS, and EJS, enabling seamless data association and CRUD operations.
* Implemented JWT-based authentication, ensuring secure user login and access control for enhanced data protection.
* Designed and optimized the frontend using EJS and TailwindCSS, improving UI responsiveness and user engagement.
* Engineered RESTful APIs for efficient data management, reducing response time by 25% and enhancing backend performance.
* Conducted rigorous testing using Postman to validate API functionality, ensuring seamless communication between the frontend and backend.

**EarthMark: Eco-Score Check for Sample Products on Amazon** *Nov 2024 – Dec 2024*

* Developed **EarthMark**, a full-stack application leveraging React.js, Node.js, and MongoDB to calculate eco-scores for **20+ sample products** using a structured **JavaScript object dataset**.
* Developed and integrated a visually appealing React.js frontend with RESTful APIs, enhancing data retrieval speed by 30%, resulting in an optimized user experience for the EarthMark application.
* Built and rigorously tested a **RESTful API** using Postman to ensure effective communication between backend services and the frontend, enhancing application performance.
* Earned a spot among only **100 finalist team**s in the highly competitive **Amazon Sambhav Hackathon 2024** out of more than a thousand participants, highlighting exceptional collaboration efforts and advanced technical capabilities within project development.

# TECHNICAL SKILLS

* **Programming Languages:** C, C++, Python, Java, JavaScript, SQL.
* **Frontend Development:** HTML, CSS (Tailwind), EJS, React.js.
* **Backend Development:** Node.js, Express.js, RESTful APIs, Postman.
* **Database Management:** MongoDB, MySQL, PL/SQL.
* **Version Control and DevOPS:** Git,Github.
* **Cloud & Data Analytics Tools:** AWS**,** Excel, PowerBI.
* **Core Competencies:** Data Structures and Algorithms, DBMS, Object-Oriented Programming (OOP), System Design , Agile Development.

# ACHIEVEMENTS/CERTIFICATIONS

* *2nd round selection*— Amazon Smbhav Hackathon | *Dec 2024*
* *Cloud Computing (Silver Medal)* — NPTEL | *Apr 2024*
* *The Bits and Bytes of Computer Networking* — Coursera | *Dec 2023*
* *MATLAB Onramp & Simulink Onramp* — MathWorks | *Sep 2022*