ANUJ BHUSHAN TIWARI

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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

**shopEZ – E-commerce Grocery Delivery App** *Mar 2025 – Apr 2025*

* Designed and developed a full-stack e-commerce application for online grocery shopping using the **MERN stack**.
* Implemented **secure user authentication**, **cart management**, **order history**, and **real-time product search** features.
* Integrated **Stripe Payment Gateway** for seamless checkout and real-time transaction handling.
* Developed a **RESTful API** using Node.js and Express.js; managed data with MongoDB and Mongoose.
* Designed a **responsive and user-friendly UI** with React.js and Tailwind CSS/Bootstrap.
* Focused on **modular code structure**, **error handling**, and **scalability** for production readiness.
* Currently hosted locally; deployment planned using **Heroku/Render/Netlify + MongoDB Atlas**.

**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.

# 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*