Ujjawal Raj

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To contribute to cutting-edge projects by leveraging my strong foundation in data structures, algorithms, and programming concepts, along with proficiency in C++. I am committed to delivering high-quality solutions while adhering to industry best practices in a dynamic, collaborative environment.

PROJECTS

Inventory Management System Webapp | MERN Stack

- Developed a responsive web app using **React (Vite)**, **Tailwind CSS**, and **ShadCN** for a modern UX.
- Built RESTful APIs with **Node.js** and **Express.js** for seamless inventory and user data management.
- Implemented secure authentication using **JWT** (JSON Web Tokens) to manage protected routes and sessions.

LIKHO – Chrome Extension for Note-Taking

- Created a productivity extension using **React**, **Manifest v3**, and **Chrome Storage API** for persistent data.
- Enabled note export via **Blob API**, allowing users to download notes as .txt files with one click.
- Optimized performance using React Hooks and Tailwind CSS to ensure low memory overhead within the browser.

JobManthan – MERN Stack Job Portal

- Designed an intuitive UI with React components, ensuring a mobile-first approach for job seekers and recruiters.
- Developed secure backend logic using **bcrypt** for password hashing and JWT for user authorization.
- Managed complex data relationships in **MongoDB** for user profiles, job listings, and application tracking.

EXPERIENCE

Infosys Springboard Intern   Oct 2024 — Dec 2024

- Developed "Inventory Pro," a MERN-based application to streamline stock tracking and admin operations.
- Refined UI/UX principles by implementing interactive web designs using React and modern CSS frameworks.
- Collaborated on real-world project modules to align technical deliverables with functional requirements.

EDUCATION

Bachelor of Technology, Computer Science & Engineering   2021 — 2025
Darbhanga College of Engineering, **GPA: 8.29/10.00**   Darbhanga, Bihar

Intermediate (Class XII)   2019 — 2021
Sitamarhi Central School, **Score: 81.2%**   Sitamarhi, Bihar

Matriculation (Class X)   2018 — 2019
Saraswati Vidya Mandir, **Score: 89.2%**   Sitamarhi, Bihar

TECHNICAL SKILLS

Languages:	C++, JavaScript, SQL, HTML, CSS
Frontend:	React.js, Tailwind CSS
Backend:	Node.js, Express.js
Database:	MongoDB
Tools:	VS Code, Git, GitHub

COURSES & CERTIFICATIONS

- Learn C++ Programming - Beginner to Advance (**Udemy**)
- Mastering Data Structures & Algorithms using C and C++ (**Udemy**)
- Database Management Systems (**NPTEL**)
- Infosys Internship Certificate (**Infosys**)