

# Utsav Upadhyay

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## EDUCATION

**Rajasthan Technical University, Kota**

2022 – 2026

*Bachelor of Technology in Information Technology — CGPA: 7.32/10*

## TECHNICAL SKILLS

**Languages:** C++, JavaScript, TypeScript, SQL

**Frontend:** React.js, Next.js, Redux, Tailwind CSS

**Backend:** Node.js, Express.js, REST APIs

**Testing:** Jest, API Testing (Supertest)

**Databases & Tools:** MongoDB, MySQL, Git, GitHub

**Core CS Concepts:** Data Structures & Algorithms, OOP, DBMS, Computer Networking, Operating System, System Design (Basics)

## EXPERIENCE

**Bluestock Fintech Pvt. Ltd**

May 2025 – June 2025

*Web Development Intern*

*Pune, India*

- Contributed to an **IPO listing and trading platform** supporting creation and trading of active IPOs.
- Built backend services using **Node.js** and **Express.js** to handle IPO workflows.
- Integrated **MongoDB** for persistent storage of IPO metadata and transaction records.

## PROJECTS

**GreenCampus — Sustainability Platform**

GitHub — Live Demo

- Built a **role-based campus sustainability platform** for food sharing, e-waste, donations, and volunteering.
- Designed **secure REST APIs** with JWT authentication and automated volunteer points and leaderboard logic.
- Developed a **live impact analytics dashboard** visualizing real-time sustainability metrics from backend services.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, JWT, Tailwind CSS

**AI Mental Health Therapy Platform**

GitHub — Live Demo

- Developed an **AI-powered mental health platform** offering real-time therapy conversations and mood tracking.
- Integrated **Google Gemini AI** with context-aware prompt engineering and sentiment-based crisis detection.
- Built a **secure, responsive application** using Next.js, NextAuth.js, and scalable backend workflows.
- **Tech Stack:** Next.js 14, TypeScript, Node.js, MongoDB, Gemini AI, Inngest

**ShortliFY — URL Shortening Service**

Live Demo

- Developed a **scalable URL shortening platform** with Redis-backed storage and high-performance redirection.
- Implemented **secure multi-platform authentication** using Auth0 with social login support.
- Built a **user dashboard** to manage shortened URLs and view real-time click analytics.
- Designed **RESTful APIs** for URL CRUD operations and click tracking with optimized data access.
- **Tech Stack:** Next.js, Node.js, Redis, Auth0, REST APIs, Vercel

## CERTIFICATIONS & ACHIEVEMENTS

- Solved **400+ Data Structures and Algorithms problems** on LeetCode and GeeksforGeeks.
- Participated in multiple **hackathons via Unstop**, gaining experience in time-bound problem solving.
- **2<sup>nd</sup> Prize** — Photography Contest, Technical Thar Fest (2023).

## LEADERSHIP & ACTIVITIES

- Conducted **DSA workshops** for juniors, helping them build problem-solving fundamentals.
- Volunteered in **NSA community drives**, supporting social awareness and outreach programs.
- Participated in inter-college **Chess and Volleyball** tournaments.