

ATUL YADAV

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
IDD	Metallurgical Engineering IIT (BHU), Varanasi	7.91	2026
CBSE (XII)	Dawn The Higher School Allahabad UP	94.20	2021
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SKILLS

- **Programming Languages:** C, C++, Javascript, Python
- **HTTP APIs:** Express, Django, GraphQL
- **Frameworks and Technologies:** ReactJS, NextJS, MongoDB, PostgreSQL, Git, GitHub, Figma, SQL, HTML, CSS
- **Areas of Interest:** Data Structures and Algorithms, Object-Oriented Programming, Web Development

PROJECTS

Injury Tracking System | Injurio

March 2024 - April 2024

- Developed a web application featuring a user-friendly body map interface for pinpointing injuries; streamlined the victim reporting process and decreased report completion **time by 40%**.
- Integrated **GraphQL queries** with Prisma as the ORM for database connectivity and efficient data management.
- Implemented data visualization using ChartJS to present analytics and metrics on an intuitive dashboard.
- **Exposure:** Next.js, GraphQL, Prisma, Ant design, Auth0.

PDF Chatbot | DocuQuery

March 2024 - April 2024

- Designed a full-stack web app that enables seamless PDF upload, question parsing, and answer retrieval.
- Successfully built the system to extract and process text from PDF documents using **PyMuPDF** and implemented **LangChain** for NLP Processing to answer user queries precisely.
- Built a scalable backend with optimized API endpoints, handling document storage and metadata in **SQLite database**.
- **Exposure:** FastAPI, LangChain, ReactJs

Annual Sports Fest | Spardha'23

Sep 2023 - Oct 2023

- Implemented a web-based registration system for diverse sports competitions, facilitating seamless contingent sign-ups, resulting in a **30% increase** in participant engagement and satisfaction.
- Implemented **Swagger** for API documentation and a dedicated admin panel to manage fixtures and results efficiently.
- Automated contingent registration forms, saving approximately **20 hours** of manual data entry per event cycle.
- **Exposure:** Django, React, PostgreSQL

Open Source Contributions | OpenELIS Global

Feb 2024 - April 2024

- Significantly improved user experience by optimizing UI responsiveness, integrating comprehensive client-side validations, and effectively fixing code bugs, resulting in the successful merge of over **22+ pull requests**.
- Improved organization documentation to facilitate easier onboarding for new contributors.
- **Exposure:** Javascript, React, Carbon design system

POSITION OF RESPONSIBILITY

Tech Executive | E-Summit'23

Dec 2022 - Feb 2023

- Developed responsive UI components using React.js, Tailwind CSS, and JavaScript, enhancing user experience.
- Implemented and optimized React components for data fetching from Firebase, improving performance and SEO.

Coordinator | Gram Mela'23

Jan 2023 - Feb 2023

- Successfully organized Gram Mela'23 with SSC in Tikri village, Varanasi, with the participation of over **500+ people**.
- Conducted problem-solving surveys and organized various stalls to educate students and their parents.

HONOURS AND ACHIEVEMENTS

- Secured an official **rank of 1365** globally in the Educational Codeforces Round 164 (Div-2) contest.
- Secured **2nd position** in group song competition at Aagman'21, Indian Music Club.

EXTRA-CURRICULAR ACTIVITIES

- Engaged in a two-day research program by the Mechanical Engineering Department at IIT Bombay, enhancing my knowledge of advanced technologies and networking with experts.
- Successfully organized **EV Conclave'22** in New Delhi, with the participation of **60+ startups** from the EV sector.

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