

Atul Yadav

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EDUCATION

Indian Institute of Technology (BHU) Varanasi

2021-2026

Dual Degree (B.Tech+M.Tech) in Metallurgical Engineering

CGPA: 8.02

Dawn The Higher School

[2021]

CBSE(XII)

Percentage: 94.2%

Dawn The Higher School

[2019]

CBSE(X)

Percentage: 94.2%

TECHNICAL SKILLS

Programming Languages: C++, C, JavaScript, Python

HTTP APIs: Express, Django, GraphQL

Tools and Technologies: ReactJS, NodeJS, MongoDB, PostgreSQL, Git, Github, Figma, SQL, HTML, CSS

Areas of Interest: Data Structures and Algorithms, Object-Oriented Programming, Web Development

WORK EXPERIENCE

IntasteAI | Software Engineer Intern (Full-time)

[May'24-July'24]

- Developed a Django-based **food recommendation** system, leveraging Python, PostgreSQL, and React, optimizing user engagement with personalized food suggestions.
- Implemented authentication, recommendation **algorithms**, and **RESTful APIs** for managing food items.
- Successfully deployed the application on **AWS**, optimizing scalability and reliability for users.

KEY PROJECTS

Spardha | Annual Sports Fest

[Production]

- Developed a robust **web-based registration** system for sports competitions using **Django** for the backend and utilized **PostgreSQL** for relational data management and **secure user authentication**.
- Designed an **Admin Panel** to efficiently manage sports fixtures and track participant performance while also integrating **Google Analytics** to provide insights into user interactions.
- Implemented **CI/CD pipelines** using **GitHub Actions** to automate testing and deployment processes.
- Technologies Used:** Django, React, PostgreSQL, Swagger, NodeJS

Injurio | Injury Tracking System

[Deployment]

- Developed a web application featuring a user-friendly **body map interface** for pinpointing injuries.
- Integrated **GraphQL queries** with **Prisma** as the **ORM for database** connectivity.
- Implemented **data visualization** using **ChartJS** to present analytics and metrics on an intuitive dashboard.
- Technologies Used:** Next.js, GraphQL, Prisma, Ant design, Auth0.

OPEN SOURCE CONTRIBUTIONS

OpenELIS Global | GSoC'24 Organization

[Feb'24-April'24]

- Improved user experience by optimizing UI responsiveness and integrating comprehensive client-side validations (**22+ merged pull requests**).
- Exposure:** Javascript, React, Carbon design system

VOLUNTEER EXPERIENCE

Technical Team Head | Spardha'24

[July'24-Oct'24]

- Led the end-to-end development of the Spardha'24 website, coordinating with frontend, backend, and UI/UX teams, conducted **code reviews** to enhance code quality, **reducing deployment errors by 40%**.

Tech Executive | E-Summit'23

[Jan'23-March'24]

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

EXTRACURRICULARS

- Secured an official **rank of 1365** globally in the Educational Codeforces Round 164 (Div-2) contest.
- Participated in **MechQuest'24 at IIT Bombay**, enhancing my knowledge of advanced engineering technologies and building networking with industry experts.
- Successfully organized **EV Conclave'22** in New Delhi, with participation of **50+** startups from EV sector.