

# Aditya Singh Tomar

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## EDUCATION

- **Indian Institute of Information Technology, Allahabad** July 2021 – Ongoing  
*B.Tech ( Information Technology ) - ( Prayagraj, UP, India )* CGPA: 8.22
- **Bethel Academy** April 2019 – May 2020  
*Intermediate (12th) - ( Prayagraj, UP, India )* Percentage: 93%
- **Central Academy,** April 2017 – May 2018  
*High School (10th) - ( Prayagraj, UP, India )* Percentage: 92%

## EXPERIENCE

- **ClearTax** Jan 2025 - Present  
*Software Engineer* Bengaluru
  - Developing Text to Domain Specific Language using **NLP, LLMs, Poetry, and OmegaConf**, leveraging **Dynamic Shot Prompting** and **Vector Databases**, while ensuring reliability with **PyTest**.
  - Converted synchronous APIs to asynchronous for generating structured output from files using **Temporal, Uvicorn, FastAPI, Botocore, AWS, and NewRelic**, with testing handled via **Pytest-asyncio**.

## PERSONAL PROJECTS

- **Thoughtful Threads** 🔗 Live  
*Blog Platform using MERN, Redux, and Tailwind CSS.*
  - Developed a blog website using the **MERN stack, Redux Toolkit, Tailwind CSS**, and **HTML**. Integrated **React Router Dom** and **JWT + Google OAuth** for authentication.
  - Implemented user authentication for **liking** and **commenting** on posts, ensuring secure client with search feature.
  - Created an **admin** dashboard for **CRUD** operations on **posts, comments, and users**, enhancing site management.
- **Foodies** 🔗 Repo  
*A food ordering Website*
  - Developed a food delivery website using **PHP** as the backend language, **XAMPP** as the server, and **HTML, CSS, JavaScript**, and **Bootstrap** as the frontend technologies.
  - Implemented a shop **owner dashboard** that displays key metrics such as **orders received, registered users**, and enables **menu management** (adding/removing items) while integrating an order management system that allows owners to **accept or decline orders**, ensuring efficient processing and communication with customers.

## TECHNICAL SKILLS

- **Languages:** C++, C, JAVA(Basic), HTML, CSS, Bootstrap, JavaScript, PHP(Familiar), MYSQL, MongoDB.
- **Tools:** Git/Github, Postman, Docker, Kubernetes, Vault, Jenkins.
- **Frameworks / Libraries:** NodeJS, ExpressJS, Redux, JWT, Tailwind CSS, Poetry, Temporal, MCP, DBT.

## COURSEWORK

Data Structures and Algorithms | Object Oriented Methodologies | Operating System | Database Management System

## CODING PROFILE

- **Leetcode** 🔗 Knight (Max rating: 2120)
- **Codeforces** 🔗 specialist, (Max rating: 1489)
- **Codechef** 🔗 4★ (Max rating: 1904)

## ACHIEVEMENTS

- Ranked in the top 25 of 20,000+ teams in the **Code with Cisco Hackathon**.
- Achieved AIR 864 in **ICPC Amritapuri** preliminaries as part of a team.
- Ranked 2nd in Google Solution Challenge Hackathon by innovating solution aligned with UN Goals. 🔗
- Achieved 3rd rank in CODE-HELL coding contest organised by GDSC. 🔗
- Solved 2000+ questions on platforms like **Leetcode, GFG, Codeforces, Codechef, CodingNinjas**.

## POSITIONS OF RESPONSIBILITY

- **Overall Coordinator**, ASSIC Alumni Club, IIITA .
- **Gymkhana President**, An elected representative responsible for addressing students' issues and concerns.