

Aditya Kumar

Data Science Analyst | Full Stack Developer

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Skills

Languages: Java, Python, C/C++, SQL, HTML/CSS, JavaScript, R.

Frameworks: Spring Boot, Flask, Tableau.

Technologies & Tools: Git, Excel, IntelliJ.

Education

Lovely Professional University

B.Tech. in Computer Science and Engineering
Phagwara, Punjab

Sep 2022 - Jun 2026

CGPA: 7.9/10

A.N College

Intermediate Secondary Certificate (BSEB)
Patna, Bihar

Aug 2020 - Jun 2021

CGPA: 7.3/10

St. Domnic Savios High School

Central Board of Secondary Education (CBSE)
Danapur, Bihar

Aug 2018 - Jun 2019

CGPA: 8.9/10

Experience

ESole, IISER KOLKATA

April 2024 - Nov 2024

Web Development || Web Design Lead

Intern

- Developed and optimized the official website for IISER Kolkata's iGEM 2024 project ('Esole'), ensuring seamless user experience and responsiveness.
- Designed and implemented interactive web pages using HTML, CSS, JavaScript, Tailwind CSS, and Flask.
- Contributed to achieving the Gold Medal Criteria at iGEM by ensuring website compliance with competition standards.
- Collaborated with a multidisciplinary team to effectively present scientific research through an engaging digital platform.

Projects

Console Voice Assistant ChatBot using Python

Nov 2024 - Current

- Voice Command Control: The program uses speech recognition and TTS for hands-free control, allowing users to open apps, search the web, translate text, or play games.
- Menu-driven Interface: Users can select actions (e.g., app launch, game play) via voice commands from a clear menu.

ESole, Full Stack Project

May 2024 - Nov 2024

- Developed a website using HTML, CSS, and Python Flask to showcase our synthetic biology project.
- Overcame challenges in integrating diverse team inputs and learning new technologies under tight deadlines.
- This project was instrumental in our team winning the Gold Medal in the Web Development category at the iGEM 2024.
- Technologies: HTML, CSS, Java Script, TailWind Css, Flask.

N-Queen Visualizer

Jul 2024 - Aug 2024

- Developed an interactive web-based visualizer for the N-Queen problem, demonstrating real-time backtracking algorithm execution.
- Implemented an intuitive UI for users to observe the step-by-step placement of queens on an N×N chessboard.

Certifications

- **Tableau Certification – Salesforce** Nov 21, 2024
- **C++ Specialization – Coursera** Dec 2, 2023
- **Data Structures and Algorithms – Udemy** Nov 29, 2023

Achievements

- **Gold Medalist – iGEM 2024 (International Hackathon, Paris)**
- **Achieved Golden Badge (5-star) certification in C programming and Python – HackerRank**