

# Akshay Kumar Singh

+91-7309507985 | +91-8543006576 | <https://github.com/Akshay-kumar01> | [Akshay Kumar Singh](#) | [LinkedIn](#) | [singhkumarakshay22@gmail.com](mailto:singhkumarakshay22@gmail.com)

## EDUCATION

- Chemical Engineering (B.Tech) | National Institute of Technology, Durgapur | 2020-24 | CGPA: 7.88
- CISCE (Class XII) | Lucknow Public School, Uttar Pradesh | 2019 | Percentage: 96.00 %
- CISCE (Class X) | Lucknow Public School, Uttar Pradesh | 2017 | Percentage: 97.20 %

## WORK EXPERIENCE

### FULL TIME

- Tredence Analytics Solutions Pvt Ltd. (Data Engineer) June 2024 - Present
  - Engineered and automated ELT pipelines and dashboards for clients, enhancing data integration and processing efficiency to drive informed business decisions.

### INTERNSHIPS

- Leap Intern @ ITC Ltd. (SFC Reduction) May - July 2023
  - Spearheaded the implementation of **DMAIC methodology**, utilising statistical analysis and data management techniques to identify and eliminate bottlenecks in the manufacturing process, which led to a **40% decrease** in Specific Fuel Consumption, and found seven total nodes in the existing system.
- Pinkishe Foundation (Graphic Designer Head and Intern) July - August 2021
  - Formulated captivating, engaging, impactful graphics for the organisation's social media posts.
  - Supervised and directed the efforts of fellow graphic designers as a team lead of **20 members**.

## PROJECTS

### Solidity-based Ethereum Banking Website ([Project Link](#))

- Implemented **4 basic database operations**, **CRUD** operations for account management and money transfer through ethers.
- Tech Stacks: React JS, Metamask, Node JS, HTML, CSS, Solidity, Truffle, Ganache.

### E-Commerce Website ([Project Link](#))

- Pioneered development of an E-Commerce website utilising Java Spring Boot framework integrated with Maven to facilitate CRUD operations (under development).
- Tech Stacks: HTML, CSS, Java Springboot, Maven

## POSITIONS OF RESPONSIBILITY

### TRAINING AND PLACEMENT REPRESENTATIVE for the Department of Chemical Engineering May 2022 - May 2024

- TPR for Chemical Engineering batch of 2020-2024.
- Managed a comprehensive student database, ensuring accurate and up-to-date information for 500+ students, facilitating efficient communication and tracking of career development progress.

### CENTRE FOR COGNITIVE ACTIVITIES (CCA)

Convener and Head

NIT Durgapur  
April 2023 - April 2024

- CCA is the oldest and the largest technical club of NIT Durgapur and one of the organising committees of Aarohan.
- Orchestrated and led club operations, presiding over high-stakes meetings, streamlining processes, and optimising day-to-day activities comprising 150 members.

### AAROHAN

Overall Fest Coordinator

NIT Durgapur  
April 2023 - April 2024

- Aarohan is the 2nd largest techno-management fest in Eastern India.
- Managing the overall management committee of Aarohan, consisting of around 200 members.

## ADDITIONAL

**Technical Skills:** Advanced in SQL, C++, Java, Pyspark, Ethereum, Data Structures and Algorithms (DSA), Data Analysis, Google Cloud Platform. SSMS, JUnit, Java Springboot, React, Javascript, HTML/CSS

**Non-technical Skills:** Strong management and communication, Team Worker

**Languages:** Fluent in Hindi and English; Conversational Proficiency in Hindi and English

**Achievements:** Hacktoberfest 21 Contributor, Solved **400+** questions on online coding platforms - [Leetcode](#) and [Codechef](#).