



## Aditya Raj

Roll No.: 2101004

Bachelor of Technology

Mechanical Engineering

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🐙 GitHub Profile

🌐 LinkedIn Profile

## EDUCATION

### •National Institute of Technology Patna

2021-2025

Bachelor of Technology in Mechanical Engineering

CGPA/Percentage(till 6th sem): 8.21

### •Doon Sr. Sec. School

2020

CBSE, Science-Intermediate, Bihar

Percentage: 79.4

### •D.A.V Public School Malighat, Muzaffarpur

2018

Secondary Education in CBSE, Bihar

Percentage: 84

## EXPERIENCE

### •Accenture Data Analytics and Visualization Job Simulation on Forage

June'24-July'24

Data Analyst

Remote

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modelled, and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

### •Chegg

Sep'23-Present

Subject matter Expert

Remote

- Tutor of **Advanced Mathematics** at Chegg India, providing comprehensive guidance and support to students.
- Provided **instant** Chegg answers of **50+** questions and assisted students in resolving their doubts and questions.

## KEY PROJECTS

### •Customer Churn Prediction

Mar'24-present

Insights extracted and prediction

- Analyzed the data of a Telecom company what factors that lead to churn the customer and predict using ANN.
- Tools & technologies used: Mysql, SQL, Python, Pandas, Matplotlib, Seaborn, ANN

### •Pizza sales Performance Analysis

Feb'24-present

Comprehensive and interactive Dashboard and Report

- **Conducted** a detailed sales data analysis by focusing on key performance indicators (**KPIs**) such as Sales, Revenue, and Average Order Value **AOV** using **SQL** commands and **Power BI dashboard**.
- **Developed** an interactive, dynamic Power BI dashboard Report to visualize and monitor KPIs, providing actionable insights for business performance and decision-making.
- Performed **ETL** and **Data Modeling** processes within Power BI, ensuring data accuracy and efficient reporting.
- **Published** the final Power BI report on Power BI Service, enabling seamless access to real-time analytics for stakeholders.
- Tools & technologies used: SQL, Power BI, MySql DBMS

## TECHNICAL SKILLS AND INTERESTS

**Technical Skills:** MS Excel, Power BI, Power Query, Data Modeling, Data Visualization, EDA, ETL

**Languages/Libraries:** SQL, Python programming, Numpy, pandas, Matplotlib and Seaborn

**Cloud/Developer Tools:** AWS, MySQL, Visual Studio Code, Jupyter Notebook

**Soft Skills:** Time management, Communication, Adaptability, Problem-Solving, Team Work, Leadership.

**Coursework:** Database Management System(Normalization, Indexing), IOT

**Areas of Interest:** Machine Learning

## POSITIONS OF RESPONSIBILITY

### •Event Management Head, E-CELL NITP

Sep'23-Present

### •Photography lead, Vista Photography Club NITP

Jan 2023-Present

## ACHIEVEMENTS AND CERTIFICATIONS

### •SQL(Intermediate) & SQL(Basic) Certified by the HackerRank

### •Gold Medal(top 5%) in NPTEL Course "Introduction to Internet of Things"

### •Secured 1st Prize in Quiz Competition & Fun-Activities organised by E-cell Nitp'22