

# UTTAM CHOUDHARY

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## Professional Summary

Recent **Electronics and Computer Science** graduate with a strong foundation in **SQL, Power BI, and Data Analytics**. Experienced in developing database-driven analytical solutions through academic projects and internships. Seeking an opportunity to leverage technical expertise in **Database Analytics and Business Intelligence** to drive data-driven decision-making.

## Technical Skills

- Programming Languages:** Python, C++
- Web Technologies:** HTML5, CSS3, JavaScript, React.js
- Database Management:** MySQL, SQL Server, PostgreSQL
- Tools & Platforms:** Git, VS Code, AWS
- Data Analytics & BI:** SQL, Power BI, Excel

## Education

**Bachelor of Technology in Electronics and Computer** 01/2021 – 05/2025  
Ramrao Adik Institute of Technology, D.Y Patil | CGPA: 8.38/10.0

**Class XII (CBSE) from S.t Joseph International School** 01/2018 – 03/2020  
Jhalawar, Kota | Percentage: 81.4%

## Projects

**HR Analytics Dashboard** Power BI | SQL | Data Visualization

- Power BI, SQL, Data Visualization
- Analyzed employee attrition based on salary, experience, and other key factors.
- Built interactive dashboards in Power BI to track HR metrics and trends.
- Optimized decision-making by processing HR data using SQL and custom KPIs.

**IoT Smart Parking System** RFID | IoT | Python

- Enabled real-time parking slot tracking, reducing search time by 50% for users.
- Streamlined payments via RFID tags, cutting transaction time to under 10 seconds.

**Traffic Signal Optimization Using ML** Python | TensorFlow | IoT

- Developed an ML model to predict traffic patterns, reducing intersection waiting times by 30%.
- Integrated real-time data from sensors and cameras, enabling dynamic signal adjustments.
- Improved traffic efficiency by 25% during peak hours in simulated urban environments.

## Certifications

- Intel Unnati AI Training from Intel (10/2023)
- Data Structures & Algorithms from GeeksforGeeks (11/2023)

## Academic Achievements & Activities

- LeetCode:** Solved 200+ DSA problems, active contest participant.
- Leadership:** Led a 15-member theater team for NAAC accreditation event, showcasing teamwork and creativity.