

# Aditya Raj

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## EDUCATION

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### Bachelors:

Electronics and Communication Engineering

Currently in 4th year pursuing B. tech from Netaji Subhas University of Technology (NSUT), Dwarka sector 3, Dwarka, New Delhi-78

Graduation completion - 2025

### Intermediate :

Andhra Education Society School - New Delhi, India

Completed 12th standard from CBSE board in 2020.

### Matriculation:

Andhra Education Society School - New Delhi, India

Completed 10th standard from CBSE Board in 2018.

## EXPERIENCE

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### Delhi Metro Rail Corporation (DMRC) ( May 24 - June 24)

- Collaborated with senior engineers on telecom infrastructure projects, contributing to the maintenance and enhancement of communication systems within the metro network.
- Gained hands-on experience with advanced telecommunications technologies and practices, aligning theoretical knowledge from B.Tech ECE coursework with practical applications.
- Also learned about EPABX, Radio, SDH, MPLS, PIDS, PAS, AFC, SDH, UPS, FOTS technologies.

### Tata Data Visualisation [Virtual internship] - July 2024

- Completed a simulation involving creating data visualizations for Tata Consultancy Services.
- Created visuals for data analysis to help executives with effective decision making.

### Goldman Sachs [virtual internship]- February 2024-link

- Completed Goldman Sachs virtual internship program and learned about IT security, Password hacking algorithm, hashcat

## PROJECTS

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### Churn Rate Prediction For A Multi-National Bank Using Kaggle Dataset

- Conducted extensive data and exploratory analysis to uncover various KPI's.
- Derived valuable insights from gender, salary, country, credit score, and account balance data .
- Developed a targeted strategy to reduce churn by optimizing minimum balance policy.

### Portfolio- [link](#)

- Created a comprehensive personal portfolio website to effectively showcase my skills and projects.
- Developed a fully responsive user interface that ensures seamless performance across all devices.

## EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS

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- Prabhakar degree (6th year) in tabla from Prayag Sangeet Samiti Allahabad.
- Won first prize in Malhaar , an Indian semi-classical music competition at Shaheed Sukhdev College.
- Topper in NPTEL-Introduction to IOT course with 94%.
- Interested in live sound mixing and mastering.

## SKILLS

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- Databases - MySQL, PostgreSQL
- Business Intelligence & Data Visualization - NumPy, Pandas, Matplotlib
- Tools-Microsoft Excel,, Power BI
- Languages - C++, Python
- Web Development- Front-End development using HTML,CSS,JS
- Strong understanding of Python, C++
- Ability to analyze and synthesize data for tracking and decision making