

# Lakshay Balani

Tamil Nadu, India

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## PROFILE SUMMARY

Detail-oriented undergraduate student aspiring Data Analyst Intern with hands-on exposure to data analysis, reporting, and solving real-world business problems through practical simulations. Strong foundation in full-stack web development using the MERN stack (MongoDB, Express.js, React, Node.js), with experience in building responsive web applications, developing RESTful APIs, integrating databases, and implementing scalable, user-focused solutions.

## EDUCATION

### Vellore Institute of Technology, (VIT)

Bachelor's in Information Technology

Chennai , India  
2025 – Present

## EXPERIENCE

### Data Analytics Trainee | Excel | Data Cleaning | KPI Analysis | Data Visualization

Deloitte– Data Analytics Job Simulation

Remote

June 2025 - July 2025

- Analyzed customer and operational datasets to evaluate key performance indicators (KPIs) including revenue trends, customer churn, and service efficiency.
- Cleaned and standardized raw datasets by handling missing values, correcting inconsistencies, and validating data accuracy, improving data reliability for analysis
- Identified patterns and trends using Excel-based analysis techniques such as pivot tables and conditional formulas
- Created visual summaries and dashboards to communicate insights related to business performance and potential improvement areas
- Presented data-driven recommendations aligned with business objectives to support strategic decision-making

### Full Stack Developer | MERN Stack | REST APIs | Database

Management

On-Site

July 2025 - August 2025

### Accenture- Student Skill Development Summer Program

Developed scalable MERN stack applications with clean, maintainable architecture. Built RESTful APIs for authentication and CRUD operations, designed responsive React interfaces with reusable components and state management, and optimized MongoDB schemas. Implemented validation, error handling, and end-to-end testing to deliver reliable, real-world features.

## PROJECTS

### Customer Churn Analysis (Telco Dataset) | Excel | Python | Pandas | Streamlit

Aug 2025 - Nov 2025

- Analyzed the Telco Customer Churn dataset from Kaggle to identify key factors influencing customer attrition and retention trends
- Cleaned and preprocessed data by handling missing values, correcting inconsistencies, and standardizing categorical variables
- Engineered meaningful features such as customer tenure groups, service usage indicators, and billing behavior to enhance analytical insights

## TECHNICAL SKILLS

- Programming Languages:** C/C++, Python, HTML/CSS, JavaScript
- Databases:** MySQL
- Frameworks & Libraries:** NumPy, Pandas, Streamlit, React, Node.js
- Core Skills:** Data Cleaning, Data Analysis, Data Visualization, Reporting, Trend Analysis