# Golden Kumar

LinkedIn | GitHub | Leetcode

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## EDUCATION

**Birla Institute of Technology, Mesra**                                  8.20 CGPA
*B.Tech in Electronics and Communication Engineering*          *Aug 2020 – Aug 2024*

**St Joseph International School, Jhalawar**                            70.80 %
*12th*                                                                          *Apr 2019 – Apr 2020*

**Bal Bharti Vidyalaya, Naugachia**                                       90.20 %
*10th*                                                                          *Apr 2017 – Apr 2018*

## TECHNICAL AND SOFT SKILLS

**Python**, **Java**, **SQL**, **Machine Learning**, **Data Analysis**, **Tableau**, **DBMS**, **MS Excel**, **Gen AI**, **NLP**, **Object-oriented programming**, **Data Structure and Algorithms**, **Leadership**, **Communication**, **Management**

## INTERNSHIP

**Data Science Intern**                                                        Feb 2024 – July 2024
*Genpact*                                                                       *Bangalore*

- Worked on MS Excel process automation using Python, which improved the time taken to complete tasks and reduced human error.
- Developed a telecom customer churn prediction model with an accuracy of 91%.
- Created and validated multiple dashboards using Tableau as per client's requirements.
- Currently working on attribute modeling and Media Mix Modeling.

**Machine Learning Trainee**                                               May 2023 – July 2023
*Indian Servers Private Limited*                                          *Vijayawada, Andhra Pradesh*

- Worked on NLP models, particularly GPT-2 and BERT, gaining hands-on experience with NLP and various text preprocessing techniques.
- **Key Skills: Text Preprocessing, NLP, Model Fine-Tuning, Transformers**

## PROJECTS

**Telecom Customer Churn Prediction**                                                    Github link

- Conducted exploratory data analysis (EDA) to identify patterns and derive meaningful insights from the data.
- Cleaned and preprocessed data, handled missing values and duplicates, treated outliers, and balanced the data using SMOTE.
- Implemented multiple classification model, evaluating accuracy and precision metrics. Achieved a peak accuracy of 91%.**Key skills:Data understanding, EDA, Data cleaning, Machine learning, Model Training**

**Personal Therapist GPT**                                                                     GitHub Link

- Developed a generative question-answering chatbot designed to function as a therapist to support mental health, providing tailored solutions based on user queries. Integrated the bot with Telegram to ensure ease of use.
- **Key Skills: NLP, Transformers, GPT, BERT**

**Attribution Modeling and Budget Optimization (Ongoing Project)**            GitHub Link

- Analyzing touchpoints or marketing channels for conversion credit through various attribution models.
- Conducted exploratory data analysis (EDA) to analyze customer behavior and evaluate the performance of various campaigns.
- **Key Skills: Single Touch Attribution, Multi-Touch Attribution, Machine Learning Attribution**

## POSITION OF RESPONSIBILITY

**Treasurer, IEEE SB BIT**: Treasury Operations Manager at IEEE SB BIT, managing all financial activities. Organized BIT's largest inter-college tech fest, "ABHIVYAKTI'23". [Sep 2022 – Apr 2024]

**Coordinator, IEEE SB BIT**: Coordinated events like "Abhivyakti'22, Robowar, Quizmania, Paper Presentation, and Logicmania". [Sep 2021 – Aug 2022]