

# Udaykiran Medhari

+91-7989801832    udaykiran.medhari@gmail.com    LinkedIn    Github    Leetcode

## Experience

### Tata Consultancy Services

Aug 2023 – Present

Software Developer – Java, Spring Boot, Microservices, MySQL

Hyderabad, India

- Designed and implemented **Restful APIs** for the 'ICICI Bank IMobile and InstaBiz Application' ensuring robust functionality and flexibility.
- Successfully implemented **Apply Business Credit Card** feature In InstaBiz Application through which user can directly apply for BCC with in the app.
- Successfully implemented **Personal loan on Credit Card** feature In IMobile Pay Application through which user can directly apply for loan with in the app.
- Developed Rest APIs for user registration, application process, otp generation, sending docs to e-mail and user profile management, incorporating various **CRUD operations** for enhanced user experience.
- With the above two functionalities in the organization, User can experience smooth process, resulting in a rapid **increase** in the User's application for **loan** base by over **25-30%**.
- Executed **reset and forgot password** functionalities for users, integrating **email verification via OTP**.
- Created 'Re-Apply' functionality, enabling users to re-apply for loan after 3 months, if user failed to avail loan in the previous attempt which increases the customer satisfaction by more than **60%**.

## Projects

### Blogging Back-end Application | Java, Spring Boot, Spring Security, Hibernate, MySQL, Postman

Github

- Empowered users to create posts with specified categories, manage their posts and view their own posts.
- Users can comment, update, and delete their comments and can also view all comments on a post.
- Applied **pagination**, **searching**, and **sorting** functionalities with informative messaging for post retrieval.
- Build role specific APIs for admin and normal user respectively and added **JWT authentication** for securing APIs.

### Cardiovascular Disease Prediction using XGBoost | Python, Pandas, Scikit-learn, XGBoost

Github

- Built a **machine learning model** using XGBoost to predict cardiovascular disease risk based on health data, including age, weight, blood pressure, and lifestyle indicators.
- Performed data preprocessing tasks such as scaling, feature creation (BMI, pulse pressure), and outlier handling to improve model accuracy.
- Assessed model performance with an accuracy of **85.63%** using key machine learning metrics.

## Technical Skills

**Programming Languages:** Java, Python, SQL

**Back-end Tech:** Spring Boot, Hibernate, Spring, JDBC

**Databases:** MySQL, NoSQL

**Version Control:** Git, GitHub

**Cloud:** Amazon Web Services (AWS), Docker, Kubernetes

**Core Subjects:** Problem Solving, Data Structure and Algorithm, Objected Oriented Programming, Database

**Miscellaneous:** Multithreading, Design Patterns, Low Level Design, High Level Design, Microservices, Agile, Kafka

## Achievements

- Solved **300+ Data Structures and Algorithmic** problems on coding platform such as **LeetCode** and GFG.
- Awarded **Best Employee of the Month** in January for exceptional performance and contributions in the office.
- Honored with a **Gold Medal** for securing the 1st rank in the Mechanical Engineering department during B.Tech.
- Received a **AP State Best Student Award** for achieving academic excellence in B.Tech.

## Education

G. Pulla Reddy Engineering College, Kurnool  
**B.Tech : Mechanical Engineering(ME)**

July 2019 - June 2023  
**CGPA : 9.18**