



# Akanksha Alishetty

## Professional Summary

Seeking opportunities that leverage my blend of Electronics and Communication Engineering expertise, coupled with an ongoing pursuit of a Master's in Advanced Data Analytics. Proficient in circuit design, signal processing, and actively expanding skills in statistical analysis and machine learning. Eager to apply this combined technical proficiency towards driving innovation and problem-solving in a professional capacity.

## Work History

### Intern

Hyderabad

11/2021 - 05/2022

- Used Gitbash and GitHub for version control and source code repository and applied branching strategies.
- Design and Develop an API platform to connect to various disparate backend systems for seamless data exchange.
- Build and support the APIs through the entire life cycle.
- Configured Staging and Testing and Production environment for Apigee Edge and Apigee cloud-based sites.
- To monitor the performance of the Apigee Proxies.
- Understand and follow coding conventions, architecture, and the best practices.
- Quickly learned new skills and applied them to daily tasks, improving efficiency and productivity.
- Worked closely with the product team to support them in building the right protocol, technology, and Pattern.

## Projects

### ANALYSIS ON FEDERAL HOME LOAN SYSTEM :

Mortgage data is pivotal in the financial ecosystem, unveiling connections between consumers, financial entities, and the broader economy. The primary objective is to delve into and comprehend borrower demographic trends and housing finance patterns, focusing particularly on the year 2022. This exploration aims to illuminate the intricacies of mortgage

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## Websites, Portfolios, Profiles

- [www.linkedin.com/in/akanksha-alishetty-69032a218](https://www.linkedin.com/in/akanksha-alishetty-69032a218)

## Skills

- API Management Tools: APIGEE API Management
- CICD Tools: GitHub Jenkins
- Languages: Python, R, SAS, SQL, C, Java, C#, HTML, Linux, C++, PHP.
- Expertise in implementing algorithms for classification, clustering, and recommendation systems.
- Familiarity with tools like Hadoop, Spark, Tableau.
- Demonstrated ability to approach complex problems analytically and derive insights from data.
- Knowledge of protocols such as Bluetooth, Wi-Fi.

## Education

01/2023

**University of North Texas**

Denton, TX

Master of Science

06/2022

lending and borrower traits prevalent during that specific period. Door Unlock System Using Fingerprint Sensor, To implement a sophisticated door access control system using fingerprint recognition technology, aimed at revolutionizing traditional key-based entry systems. The primary goal is to develop a secure and efficient method of door unlocking, granting access solely to authorized individuals while ensuring robust security measures through reliable fingerprint authentication. This project aims to showcase the seamless integration of hardware and software components. Developed and maintained firmware and software, including device drivers and embedded operating systems.

**MLR Institute of Technology**

Bachelor of Science: Electronics And  
Communications Engineering