

Lahari Katepalli

GRADUATE STUDENT · PORTLAND STATE UNIVERSITY

1604 SW Clay St, Apt 402, Portland, Oregon-97201

☎(+1)9719101674 | ✉lahari2@pdx.edu | 📷laharikatepalli | 🌐laharikatepalli

Education

Portland State University

Master of Science, Computer Science

Aug '23

GPA: 3.94

Sir C R Reddy college of engineering

Bachelor of Engineering, Computer science and Engineering

Aug '21

GPA: 3.10

Coursework Information

Intro to Database mgmt systems	Machine Learning	Intro to Virtual reality
Internetworkg Protcls	Usability Engineering	Mdrn Agile and Xp Soft

Technical Skills

Programming Languages	: C++, Python
Frameworks	: Bootstrap
Database	: mySQL, SQL server
Web Technologies	: HTML, CSS, JavaScript
Others	: Git, UX/UI Design
Tools	: Balsamiq, Tableau

Work Experience

TCS iON

Student Intern

Jul '21- Aug'21

- Build a library prediction dashboard for the HR of the company.
- Gained hands-on experience in Creating, Cleaning, an Sanitizing the Dataset.
- Gained hands-on experience in collecting and training the dataset to get accurate intended outcomes.

Project Experience

Traffic Analysis Surveillance using Vehicle Detection and Counting System

- It is a Desktop GUI Application that is used to Analyze Traffic by Vehicle Detection and Counting System. It is developed by using Python, Tkinter, OpenCV, FPDF.

Internet Relay Chat (IRC) Protocol

- This RFC outlines an IRC client server application. This system facilitates the group of users that are subscribed to the room receive messages of the other users in the room.
- Any message sent to that room is forwarded to all users currently joined to that room. Users can also send private messages directly to other users.

TUBERCULOSIS DETECTION FROM CHEST X-RAY

- In this project we have used Local KNN, Weighted KNN and Gradient Boosting to predict the disease in patients and we have compared their accuracies and found the best for our problem.

Database

- Build a database for World Development Indicators. These indicators are from the world bank. There are over a thousand annual indicators of economic development from hundreds of countries around the world.
- For data ingestion, we used pandas library.

Recipe App [UX/UI Design]

- Designed a Mobile application for users using Balsamiq tool.
- The App was prototyped in such a way that it give real user experience when implemented.