

# YOSHITHA GANDHAM

Buffalo, NY | 716-259-4989 | yoshitha040599@gmail.com | linkedin.com/in/yoshitha-gandham|  
yoshitha123.github.io/yoshitha\_gandham\_portfolio/

## EDUCATION

### State University of New York at Buffalo

Jan 2023 - May 2024

Masters in Engineering Science(Data Science), GPA – 3.967/4

Buffalo, NY

- Graduate Assistant under School of Engineering and Applied Sciences from Jan'24 - May'24.

### Chaitanya Bharathi Institute of Technology

Aug 2016 - Sep 2020

Electronics and Communication Engineering, Bachelor of Engineering, GPA – 8.8/10

Hyderabad, India

## SKILLS AND TOOLS

**Programming & Scripting:** SQL, Python, R, MATLAB, C, Flask

**Data Analysis & Visualization:** Tableau, Kibana, Power BI

**Softwares & Tools:** Azure DevOps, Gitlab, API Gateway, Dynatrace managed, webMethods, Postman, Orange

**Machine Learning & Statistical Modeling:** scikit-learn, pandas, Deep Learning

**Project Management & Agile Methodologies:** Agile frameworks, sprints, stakeholder communication

## WORK EXPERIENCE

### Associate Software Engineer

Apr 2021 – Dec 2022

Colruyt Group IT

Hyderabad, India

- Streamlined integration of disparate systems using RESTful APIs, resulting in a 15% reduction in recurring issues
- Conceptualized a universal OAuth 2.0 security token service, facilitating seamless integration across various platforms
- Co-ordinated with stakeholders to gather requirements and deliver scalable solutions tailored to business needs
- Acclaimed with the 'Pioneer of CI 2022' award for outstanding contributions to the Application Integration team
- Mentored trainees in webMethods flow language, enhancing team proficiency
- Collaborated on constructing a disaster recovery plan, ensuring business continuity in event of system failures

### Software Engineer Trainee

Sep 2020 – Mar 2021

Colruyt Group IT

Hyderabad, India

- Implemented virtual service management, improving API efficiency by 30% through API Gateway
- Designed Kibana and Dynatrace managed dashboards to visualize API and infrastructure failure trends and patterns, reducing debugging time by 50%
- Competed in Colruyt Hackathon 2020 and created an Angular application using web sockets
- Secured the runner-up position in Colruyt Code Gladiators 2020

## PROJECTS

### Sales Insights Dashboard | Jun 2024

An interactive dashboard in Tableau to provide comprehensive sales data visualizations, including sales trends, regional performance, and product analysis with filters for dynamic data exploration, enhancing decision-making capabilities

### Indian Election Analysis in Tableau | Jun 2024

Dashboard for visualizing Indian election results, featuring geo plots for total votes by state, detailed candidate vote totals, and dynamic top N candidate analysis. Enhanced data comprehension and provided insights into electoral trends

### Strategic Marketing for Personal Loans using SQL | Jan 2024

Featured in Times Square, New York, for securing third place in a live project organized by 'HiCounselor'

### Leaf Density Estimation in Grapevines for Precision Viticulture | Dec 2023

Achieved over 75% accuracy levels through meticulous transfer learning techniques applied to a Kaggle dataset utilizing state-of-the-art deep learning models, including VGG, GoogleNet, ResNet, Xception, InceptionResNetV2, and MobileNet

### Restaurant Database Management System | Nov 2023

Led the development of a Restaurant Database Management System using PostgreSQL, overseeing schema design, executing 40+ SQL queries, and implementing indexing strategies, which resulted in a 30% increase in query performance.

### Slam Dunk Salary | Apr 2023

Led a regression project focused on estimating salary of NBA players based on previous year's performance. Directed meticulous data gathering and conducted comprehensive data modeling using scikit-learn within Python environment

## PUBLICATIONS

"Preliminary Analysis of Doppler Collision Occurrence in Various Kinematic Conditions for NavIC System," 2020

IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), 2020, pp. 1-4

## CERTIFICATIONS

Azure Data Engineer Associate | Microsoft

Jan 2024

Building Interactive Dashboards | Skill Nation

July 2022

Python for Everybody | Coursera

June 2020

Introduction to Data Science in Python | Coursera

May 2020