

# Mokireddy Deemanth Reddy

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## SKILLS

- **Languages:** Python, Java, C, Kotlin
- **Frameworks:** SQL, Spring Boot, Flask
- **Tools/Platforms:** MySQL, Tableau, Google Collab, Power BI, VS code
- **Soft Skills:** Team collaboration, Optimistic, Adaptability

## PROJECTS

### Retail Sales Prediction using Machine Learning

Nov 2024 - Dec 2024

- *Technology:* Python, Google Collab
- *Description:* Used a amazon sales dataset to predict retail sales through regression analysis, assisting buyers and sellers in estimating prices while demonstrating my proactive approach to tackling business challenges.
- *Outcome:* Developed a predictive model based on various features and evaluated its performance by 88.

### Task Scheduling and Management System

June 2024 - July 2024

- *Technology:* Java ,VS Code
- *Description:* Designed and implemented a task scheduling system using heaps and binary search trees for task prioritization and quick lookups. Optimized scheduling algorithms to reduce overlaps and conflicts.
- *Outcome:* Minimized overlaps and conflicts between more than one tasks.

### Predicting Patient Readmission Risk

Feb 2023 - Apr 2023

- *Technology:* Excel, Tableau
- *Description:* I cleaned patient data in Excel and used logistic regression to predict the risk of patient readmission to the hospital while creating a Tableau dashboard for visualization to enhance supportability in healthcare.
- *Outcome:* Processed patient data effectively and visualized readmission risks through a Tableau dashboard.

## CERTIFICATES

### Data Science and Machine Learning certificate -Geeks for Geeks

Sep 2024 – Nov 2024

- Hands-on training in Python, ML algorithms, Deep Learning, NLP, and Data Analytics with real-world projects.
- Developed proficiency in data visualization, feature engineering, and model deployment using industry tools.

### Fundamentals of Computer Networks -Coursera

July 2023 – Aug 2023

- Completed an online course authorized by Google and offered through Coursera, gaining knowledge in networking fundamentals, protocols, and internet infrastructure.

### Understanding Cloud Fundamentals -LinkedIn Learning

Jan 2023 – Feb 2023

- Gained foundational knowledge of cloud computing concepts, including IaaS, PaaS, SaaS, virtualization, storage, and networking. Learned about major cloud providers (AWS, Azure, Google Cloud) and best practices for cloud security, scalability, and cost management.

## ACHIEVEMENTS

### Achieved 4 star rating in Python on Hacker Rank

- For solving 40 problems in Python on Hacker Rank.

### Achieved 4 star rating in Java on Hacker Rank

- For solving 35 problems in Java on Hacker Rank.

### Top 30% in LeetCode

- For solving 150 problems on Leetcode in MySQL and Data Structures.

## EDUCATION

### Lovely Professional University

Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.86**

Punjab, India

Since August 2022

### Sri Chaitanya Junior College

Intermediate; **Percentage: 95%**

Miyapur, Hyderabad

April 2020 - March 2022

### Sri Sai Public School

Matriculation; **Percentage: 94%**

Patancheru ,Hyderabad

April 2019 - March 2020