Mallikarjun Reddy Reddy

101 Winspear, Buffalo, New York 14214

📱 716-544-1888 ✉ mreddy2@buffalo.edu 🔗 linkedin.com/in/mallireddy09 ⌗ github.com/mallireddy09

Education

University at Buffalo — **August 2023 – December 2024**
Masters in Data Sciences and Applications — *Buffalo, NY*

GITAM University — **June 2018 – May 2022**
Bachelor of Technology in Computer Science Engineering — *Hyderabad, India*

Relevant Coursework

- Data Mining
- Probability
- Machine Learning
- Database Management
- OOPs

Experience

Nineleaps — **July 2022 – April 2023**
Application Developer Analyst — *Bengaluru, India*

- Analyzed client's data sets using Python libraries, SQL queries, and Tableau to create interactive dashboards, improving report performance and user experience by 25% through efficient data visualization techniques.
- Developed and implemented machine learning models to solve complex business problems.
- Making Technical Recommendations, Data Mining and Reporting best practices.
- Implemented data validation checks, reducing data entry errors by 30% and enhancing overall data quality.

Nineleaps — **January 2022 – July 2022**
Graduate Engineering Intern — *Bengaluru, India*

- Developed a full-stack mobile application for both IOS and Android using React Native, React- Redux, React Navigation, Redux - Thunk, MySQL and Docker.
- It is a Medical App, which comprises the Patient-Doctor connecting platform.
- Within the mobile app, we initiate Authentication and registration with OTP validation, Booking Appointments, Booking Diagnostics, And doctor flow.
- The user is also allowed to set up his personal profile, download his report & prescription, etc.

Projects

House Rental App | *React Native, Android Studio* — **October 2021 – December 2021**

- Created an Android application using React Native and Android Studio where users can access rental options and talk directly to homeowners.
- Processed user-inputted information in the back-end of the app
- Stored the input data in MySQL Database.

Early Prediction of Infant Cerebral Palsy | *Python, MySQL* — **August 2021 – October 2021**

- Cerebral palsy (CP) is the most common disability in childhood.
- This project aims at early prediction of Infant Cerebral Palsy by analyzing the Cerebral Palsy symptoms dataset.
- Implemented machine learning models like Quadratic Discriminant Analysis and Random Forest Analysis to analyze the symptoms.

Technical Skills

Programming Languages: Python, R, SQL, Core Java, HTML/CSS, JavaScript
Databases: MySQL, PostgreSQL, MangoDB
Cloud: AWS (S3, EC2)
Tools: Tableau, Excel, Apache Spark, GitLab
Frameworks: Pandas, NumPy, Seaborn, Sk-learn, Hadoop, Flask, Spark, React, React Native

Leadership / Extracurricular

Volley Ball — **June 2018 – May 2022**
Captain — *GITAM University*

- Led a team of 11 members, represented the university in tournaments and won several medals.