

# Maheswara Reddy

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## SKILLS SUMMARY

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### Languages

Python, Java, C#, Javascript (ES5/ES6), Html, Css, Json

### Frameworks

Flask, Nodejs, Django, React.js, Bootstrap, jQuery, MySQL, MongoDB (NoSQL)

### Tools

Git, Gitlab, Postman, REST APIs

### Skills

Front-end, Back-end, Data Structures, Algorithms, Unit testing.

## PROFESSIONAL EXPERIENCE

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### Teaching Assistant

August 2022 – December 2022

*University of Central Missouri*

- Assisted in the development and delivery of Adv Web Appl & Srvcs Devlpmnt, curriculum under the supervision of Sung, Sanghak.
- Collaborated with professor Sung, Sanghak in adding a student calender and university social media links and icons to the university student website, contributing to the enhancement of online resources for students and faculty.
- Graded assignments, exams, and provided constructive feedback to 100 students, contributing to an overall 20% improvement in student performance.
- Responded to student inquiries via email and in-person, demonstrating strong communication skills and ensuring prompt resolution of academic concerns.
- Collaborated with professor Sung, Sanghak to develop teaching materials, including lesson plans, presentations, and supplementary resources.
- Organized and proctored exams, maintaining a secure and fair testing environment for 300 students.

### Freelance Java Developer

May 2020 – January 2022

*Self-Employed*

- Designed and developed scalable and efficient Java applications for 10 clients, resulting in a 20% improvement in overall project efficiency.
- Collaborated with clients to understand business requirements, leading to a 15% increase in client satisfaction based on project feedback.
- Implemented Java best practices, resulting in a 30% reduction in application errors and enhancing overall system reliability.
- Utilized Java frameworks, such as Spring and Hibernate, to create robust and maintainable backend systems for 8 projects.
- Successfully optimized database queries, reducing query response time by 25%, and improving overall application performance.

### Machine Learning Intern

March 2021 – August 2021

*ITTStar Consulting LLC*

Bengaluru, India

- Enhanced data quality by collecting and purging information from 10 different sources, addressing duplicates, resolving missing values, and standardizing formats for machine learning tasks.
- Conducted exploratory data analysis (EDA) and identified 15 distinct patterns and potential features in the dataset, such as correlations, outliers, and relevant variables.
- Assessed model performance using key metrics and achieved an impressive accuracy rate of 92%.
- Attained a remarkable F1-score of 0.89, showcasing strong model performance in terms of precision and recall.
- Secured an outstanding AUC-ROC score of 0.95, underscoring the model's exceptional discrimination ability for classification tasks.

## PROJECTS

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### **Mobility Service System | MySQL, Html, CSS, JavaScript.**

- Facilitated the successful journeys of 500+ international students by connecting them with 150+ volunteer riders through our application, ensuring safe and convenient transportation to universities.
- Slashed transportation costs for international students by 30% compared to conventional transportation services, enhancing accessibility to higher education.

### **Online Mobile Repairing Firm | StarUML**

- Created 8 UML diagrams and generated code in StarUML.
- Utilized those UML diagrams to craft an application that streamlines the connection between customers and mobile repair firms, optimizing the repairing process by 50%.

### **Attendance Management App | Java, Android Studio**

- Enabled faculty to create and manage 10 distinct classes with the capacity to add up to 100 students to each class, resulting in a total of 1000 students efficiently tracked for attendance.
- Implemented a student-centric feature in the app that allows users to check their attendance.

## EDUCATION

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### **Master in Science - Computer Science (mcs)**

*University of Central Missouri*

August 2022 – December 2023

Warrensburg, United States

### **Bachelor of Technology in - Informtion Technology**

*Vellore Institute of Technology*

July 2018 – March 2022 | Vellore, India

## CERTIFICATES

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- Python and Flask Bootcamp: Create Websites using Flask! [↗](#)
- The Ultimate MySQL Bootcamp: Go from SQL Beginner to Expert. [↗](#)
- AI For Everyone [↗](#)
- HacherRank - SQL [↗](#)

## RELEVANT COURSE WORK

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Adv Web Application Services Development

Advanced Operating Systems

Advanced Algorithms

Advanced Database Systems

Advanced Software Engineering

Software Testing Quality Assurance