

Maheswara Reddy Kunduru

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SKILLS SUMMARY

languages

Python, Java, C#, Javascript(ES5/ES6)

Databases

MySQL, MongoDB(NoSQL)

Skills

Front-end, Back-end, REST APIs, GraphQL, Json, OOP, Data Structures, Algorithms, Unit testing, Agile.

Web Development

React.js, Javascript, jQuery, Html, css, Bootstrap, Tailwind CSS, Nodejs, ExpressJS, NPM, XML

Frameworks

Flask, Django, TypeScript

Tools

Git, Gitlab, Postman, Jira, Eclipse, Visual Studio Code

PROFESSIONAL EXPERIENCE

Fullstack Developer, Freelance

May 2020 – January 2022

- Front-End Development Proficiency:
 - Designed and executed UI/UX using HTML, CSS,Tailwind CSS and JavaScript,jQuery, incorporating interactive features with **React.js** to enhance the overall design and functionality of web apps by 20%.
- Back-End Development Proficiency:
 - Managed the development and implemented of server-side logic: Used **Java**, **Python**, and **Node.js** to ensure strong functioning in online applications.
 - Enriched existing system metrics by 17% by optimizing business logic through code.
 - Performed code review, curated documentation, implemented load/stress testing, and **unit/integration** testing.
 - Improved database efficiency by optimizing **MySQL** queries, resulting in a 20% reduction in response times.
- Debugging and Troubleshooting Proficiency:
 - Resolved multiple complex bugs, resulting in a 25% increase in software reliability and heightened user satisfaction.

Machine Learning Intern, ITTStar Consulting LLC

March 2021 – August 2021

Bengaluru, India

- Enhanced data quality by collecting and purging information from 10 different sources using libraries like **Pandas** and **NumPy**, addressing duplicates, resolving missing values, and standardizing formats for ML tasks.
- Conducted exploratory data analysis (EDA) using libraries such as **Matplotlib** and **Seaborn** and identified 15 distinct patterns and potential features in the dataset, such as correlations, outliers, and relevant variables.
- Utilized **Scikit-learn** and **TensorFlow** for model development and evaluation. Achieved impressive model performance with an accuracy rate of 92%, a remarkable F1-score of 0.89, and an outstanding AUC-ROC score of 0.95.

Teaching Assistant, University of Central Misooouri

August 2022 – December 2022

- Contributed to the development and delivery of the Advanced Web Application & Services Development curriculum, achieving a 20% improvement in course content effectiveness under the guidance of Supervisor Sung, Sanghak.
- Collaborated closely with Professor Sung, Sanghak to integrate a student calendar and social media links and icons into the university's student website, resulting in a 30% enhancement of online resources for both students and faculty.

PROJECTS

12AmWish(Automation) | Node.js, expressjs, js, NPM

- Programmed a platform that automates the timely delivery of birthday greetings to friends(at 12Am). Successfully benefitted over **1000+** users.

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. Total reduction of transportation costs up to 30%.

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.

EDUCATION

Master of Science in Computer Science (MSCS),
University of Central Missouri

August 2022 – December 2023

Lee's summit, United States

Bachelor of Technology in Informtion Technology,
Vellore Institute of Technology

July 2018 – May 2022 | Vellore, India