

Mohinish L Reddy

Software Engineer

CONTACT

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EDUCATION

University of Illinois,
Springfield

Masters – Computer Science

AUGUST 2019 – MAY 2021*

(*-Graduation day)

PES Bangalore South Campus,
Bangalore

Bachelors – Computer Science

SEPTEMBER 2014 – JUNE 2018

Coursework

Database Management
System, Web Technology, Java
Development, Data Mining,
NoSQL, Software Engineer

Tools: Python, Java, C++,
JavaScript, HTML, CSS, SQL,
Hadoop, Tableau, Raspberry Pi,
Shell Scripting, Flask, Git.

Certifications

Introduction to Database,

DataCamp, May 2020

Introduction to Bash Scripting,

DataCamp, April 2020

Git Course,

Codecademy, October 2020

Command-Line

Codecademy, November 2020

WORK EXPERIENCE

UIS IT Department, Springfield, IL – Graduate Assistant

August 2020 – PRESENT

- Responsible for building speech recognition commands for classroom touch panels.
- Design, develop, code, and test the full python centric software system.
- Storing, extracting, and analyzing the most used commands in each classroom to offer a quicker and easier selection of commands.
- Developed an interface link between Kivy and MySQL to extract, information from each classroom.

KPMG Global Services, Bangalore, KA — Analyst

June 2018 – April 2019

- Responsible for analyzing system components to determine the risk factor that could be caused during operations.
- Recommended changes in the process, procedures and implemented risk mitigation techniques on systems.
- Worked on various systems to analyze risk factor in databases or on applications within a company to prevent leak in data.

PROJECTS

Python Desktop Assistant

April 2020 – August 2020

- Built a user Interface for laptops and computer using kivy and python for the differently abled people.
- Developed system that can create a document, play music, or watch a video without the need of using a mouse or keyboard but rather with the use of voice.
- Implemented speech recognition module to convert speech into commands within the applications.

OnTrack

November 2019 – January 2020

- An automatic web app expense tracker that would calculate taxes, expense, and offer a better solution for saving money
- Using JS, HTML and CSS for user interface and MySQL to query the required data needed to check each month's finance warn the user based on whether the usage is exceeding the limit.

Alcohol Detection Meter

August 2017 – October -2017

- Developed a device that would detect and prevent drunk and driving -responsible for building a web app that would act like an interface between the car and the user.
- Detected the Blood Alcohol Level (BAC) of the driver using an arduino uno board and MQ-3 alcohol sensor.
- Used SQL Server to store and retrieve data count on the number of times a user is under the influence and suggest various easy ways to quit drinking.