K Mallikarjuna Reddy

IOT ENGINNER,

MySQL,Cloud Computing

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Currently engaged in local projects aimed at fostering a developer-friendly environment among local business professionals, with expertise in server administration, database development, Internet of Things (IoT), data analysis, and cloud-based solutions.

KEY SKILLS

Cloud Administration	**Google:** Iam Roles, Instance Groups, VM, Storage Pool & various tiers, Network peering,Security management. **AWS:** EC2 instance,Load balancing
IOT Engineer	Worked on IOT based projects for real time problems,Sensor based,Arduino interface and Raspberry.
AIML	Worked on different datasets ,Data Analysis and Worked on different Generative AI models

Achievements:

➢ Founder of a startup at student lewel.

➢ Worked as a GDSC coordinator

➢ POST API Developer

➢ Google solution challenge 2024 participant

TOOLS & TECHNOLOGIES

- Database Technologies - SQL Server , MySQL 8.0.
- Cloud services - AWS, Google
- Programming skills – PYTHON,JAVA,C
- Data Analytic tools - R studios
- IOT SImulation-Thinkercad,Workwi

PROJECTS:

Project: **Smart attendance**
- As every room is equipped with the smart cameras we make that cameras into smart identification sensor so that it can calculate no of persons in the room.
- We was struggling to identify face id using face recognition techniques and make this project fully evaluated.
- Since we had implemented this project using python libraries we can easily calculate the attendance.
- Running fine now and need an interface to show the output on application.
- Contribute now:lick and contribute
- The project future work for face recognition (human face detection)has been developed but need interface and data set of face id's.

Project: **An IOT based project where vehicles can get notified when there is a vehicle surrounded(smart horn)**
- We know during rain the vehicle should close the doors and glasses here we fix an indicator so that when a vehicle used to passes you we get notify.
- Used sensors and indicatorsto notify the user.
- Future idea of the project to have AI so that it take automatic decisions based on situation.
- We always think about the cost of the prototype its very cheap to install in vehicles.
- For doc and code visit the git repository indicator for safe journey

Project**: Developing a project to store text entries in MySQL from a website serving as a personal diary for users.**
- The main objective of this project was to provide secure and availability of a book in mobile without pen.
- Security to the user memories.
- Encryption of user personal details,like passwords.
- Analyzing Business terms and processing users data.
- Project prototype:make note and make a memory
- Need Developers and Security advisor to make real time projects for the local business ideas.

Project: **To analyse the image and converts it into text .**
- If a image have any characters it can be found and converted to text.
- What makes this project differ?-As it is build with python libraries we get immediate response.
- Repository link:Converts image to text

Project: **A free launcher company where students are job holders,interns and also a teachers.**
- Started a IT based company but due to heavy competition and lack of financial support converted to an student interns company.
- What makes you differ from other companies?No recruitment for jobs as the hard interns are the job holders to next project.
- Website link:KMS-interns an IT company
- As it is student developed project, The projects are at low cost,So the small businesses can go with it.

Project: **barbie-toy-phone**
- Deploying the prototype with IOT sensors to know how tot mobile made
- For contribution visit https://github.com/malli13193/barbie-toy-phone.git
- We deployed the project visit at https://www.tinkercad.com/things/aqmtfxIyRDf-exquisite-luulia-wluff

ACADEMICS & CERTIFICATIONS

Specialization in Internet of Things	MBU, India	2021 - 2025
Bachelor in Computer science	MBU, Andhra Pradesh	2021 - 2025
Certification in Python	Cisco	2023-2024
Sales force certified Developer	Smartbridge	2022-2023