Name: **GURAPPA KOTI**

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# OBJECTIVE

* Seeking a position to utilize my skills and abilities in an esteemed firm that offers professional growth to accomplish my goals by achieving organization targets.

# WORK EXPERIENCE

Current:

* Societe General Global Solution Centre (Aug 2016 to Till Date )
* Role : Specialist Software Engineer
* Location: Bengaluru, Karnataka.

# TECHNICAL SUMMARY

Languages & Scripting : Python and Power shell Web Technologies : HTML, CSS, Java script

Frameworks : Flask Rest plus, Fast API and Angular2+

Database : MongoDB, SQLAlchemy

Repository Tools : GIT and Jira

Ticketing Tools : ITSM and Impulse

Build Tools : VScode and PyCharm

Operating Systems : Windows and Linux

# PROFESSIONAL SUMMARY

* + 5 years of experience in the IT Sector.
  + Started as a young graduate in technology driven European bank.
  + Currently working as a specialist software engineer helping organization to embrace the new technological revolution in agile environment.
  + Transformed the legacy jobs using new logic, new automations using power shell and python.
  + Experience in creating REST APIs with best practices.
  + Eliminated redundant tasks by automating and handed over as a service.
  + Experience on working with various IDEs like Visual Studio Code and PyCharm.
  + Good knowledge on front end technologies like HTML,CSS, JavaScript.
  + Familiar with MongoDB database operations.
  + Strong experience also was working on vmware administration along with development.
  + Familiar with JSON based REST web services.
  + Efficient understanding of code versioning tools such as git.
  + Working as a control plane actor on cloud team.
  + Familiar with Jenkins, Dockers, Kubernetes and native cloud infra.

# TECHNICAL DESRCIPTION OF PROJECTS

**Project 1: CEREB**

CEREB is an intelligent monitoring tool for all SG GSC hardware assets. This tool closely monitors the hardware health of the physical servers by various sources and notifies the respective team to work towards resolution.

Technologies: Python, Flask Restplus, Angular, mongoDB and Typescript.

Roles and Responsibilities:

* + Implemented backend by make use of various APIs like DellOME,iLOamp,BMAS.
  + Developed GUI to fetch and display details server using angular.
  + Automated the process of triggering the incidents and analyzing the issue type ,categorizing and alerting to the respective teams.
  + Worked on various CURD operations on mongoDB.
  + Created a python API to handle all outages and notify all impacted users.
  + Continuous development based on user requirements on front end and backend.
  + Integrated mailing feature to trigger mails daily at scheduled time.
  + Trouble shooting data discrepancy issues.

## Project 2: Service Catalogue

It is an application which provides set of services to users to minimize the complexity and save manual effort and time. These services are used to do pre checks and post checks of every activity.

Technologies: Python, Flask Restplus, Angular and Power shell. Roles and Responsibilities:

* + Worked on developing power shell scripts which communicates with vmware vcenter and fetch the necessary details.
  + Involved in handling adhoc requests in APIs and Power shell script to meet requirements.
  + Created a service portal which handles multiple activities.
  + Automated multiple VMware activities and added as service like check the host status, bulk vm power on or off, DR info etc.
  + Integrated Redfish APIs with service catalog to act on physical servers.
  + Modifying the interface as per the application needs and documenting those for user convenience

## Project 3: KYSO,VPS Checks, Parikshak

Extensively used repository to fetch the details of server owner. Act as a monitoring tool for all SGGSC virtualized assets monitored like cluster health, datastore, hosts and snapshot info. Tool used to reroute the cases to different team.

Technologies: Python, Flask Restplus and Power shell.

Roles and Responsibilities:

* + - Created front end to fetch server owner details and related information.
    - Developed a core API to call different application’s API.
    - Involved in development of python scripts for all virtualized infrastructure.
    - Scheduler has been created to trigger a different checks based on region like Paris,India,Amer,Asia etc.
    - Rerouting the cases based on description was handled using python scripts.
    - Hosting of the multiple python based applications on the dedicated servers.

# TRAININGS

* VMware 6.7 ICM
* ECA 5.5 (Nutanix)
* Microsoft Azure Cloud AZ 103
* Agile Methodology
* Cloud infrastructure level 2.
* DevOps
* Docker and Kubernetes

# EDUCATION

* + Bachelor of Engineering in Computer Science and Engineering from Sri Jayachamarajendra College of Engineering ( SJCE ) Mysore in 2016

# PERSONAL DOSSIER

* DOB - 06/06/1994
* Marital Status - Single
* Gender – Male
* Languages known -English, Kannada Hindi and Telugu

# DECLARATION

I hereby declare that the above furnished details are true and correct to the best of my knowledge

Gurappa M Koti