

NAVEEN KUMAR AAVULA

Mobile No: +91-9642970039

Email: naveen.kraavula@gmail.com

CAREER OBJECTIVE:

To secure a responsible and challenging career opportunity in a reputable organization to fully utilize my learnings, training and skills, while making a significant contribution to the success of the company.

PROFESSIONAL HIGHLIGHTS:

- Professional with 1 Years of experience in IT industry as a **Software Engineer** in automating and maintaining applications in Linux environments
- Experienced Developer with good knowledge in **LINUX Commands, JSON, YAML, Unix Shell Scripting and Python Scripting** for automating day to day administrative activities
- Intermediate knowledge in databases such as **MySQL and Redis**
- Expertise understanding of version control systems such as **GIT and BitBucket**
- Hands on experience in **installing and maintaining the servers** with respect to resource utilizations (CPU & DISK) by **installing required packages, upgrades, backing up huge amount of data on hourly/daily/weekly/monthly/yearly bases and pro-active process's controlling**
- Experience in pro-active maintenance of Linux servers w.r.t resources and housekeeping/cleaning activities
- Good experience in interacting with different business customers for gathering requirements, architecting and provide suitable/scalable solutions to help them reduce their efforts by automation
- Knowledge in understanding and testing **RESTful APIs** in manual/automated ways
- Sound **analytical, issue debug/troubleshooting and problem-solving** skills
- Excellent **communication and interpersonal** skills with strong work ethics
- Capable of **working more independently or with team considering** the priorities and situations
- **Team player, highly productive, Commitment and Result driven** in team and Individual Projects
- **Passion to learn new technologies** to enrich my knowledge and update myself and focused in **R&D solutions**

TOOLS, TECHNICAL & FUNCTIONAL EXPERTISE:

| | |
|--------------------------|---|
| Operating Systems: | Unix, RedHat Linux 5/6/7, CentOS 5/6/7, Windows & MacOS |
| Scripting Languages: | Bash Scripting, Python Scripting, JSON & YAML |
| Version Control Systems: | GIT & BitBucket |
| Databases: | MySQL & Redis |

EDUCATIONAL QUALIFICATION:

Master of Science (M.Sc) - Statistics (6.66 CGPA) - Pondicherry University - 2021
Bachelor of Science (B.Sc) - M.S.CS (60 %) - Avanthi Degree & P.G College (Osmania University) - 2018
Intermediate (12th standard) - M.P.C (46 %) - Pratibha Junior College - 2015
Secondary School Certificate -10th standard (70 %) - Sri Balaji K.G High School – 2012

PROFESSIONAL EXPERIENCE

Role: Software Engineer

Company: CapGemini

May 2021 - Till Date

Brief Description:

As Software Engineer role, got an opportunity to automate the regular UNIX administrative/command line activities (patching, monitoring, server setup, security, alerting) using shell scripts, python scripts to save manual efforts. And, responsible for maintaining applications in Linux servers.

Roles and Responsibilities:

- Involved in administration, design, development, scoping & maintaining of different applications
- Involved in interacting with multiple stakeholders for requirements gathering, analyzing & developing the solutions as per customer needs
- Developed various automation scripts such as server/cluster health checks, server housekeeping, log files/cpu/mem/disk monitoring and alerting
- Involved in writing automation scripts to maintain, server performance and support Linux Infrastructure
- Automated process management & service monitoring activities using Unix Shell scripting
- Automated a script to perform pre and post reboot check for Linux servers
- Automated file system size extension for Linux base operating systems
- Automating process to install and configure software components
- Wrote Python scripts to generate customer requested reports (using data exist in MySQL and Redis databases)
- Scheduled scripts in crontab for server monitoring and maintenance
- Utilized BitBucket as a centralized git to store and maintain stage & production scripts
- Backup the data based on time-zones each day into Backup / Archiving server
- Developed generic solution to load the backed-up data for given range dates into MySQL for on-demand data analysis and reports
- Wrote many shell / python scripts and scheduled in crontab to generate the reports using MySQL data and send an email to the team / customers which are helpful to make easy decisions and increase the business

Environment: Linux Administration, Bash Scripting, Python Scripting, Git, BitBucket, MySQL, Redis