

RESUME

SUDARSAN PIDUGU

Phone: +91 8464002165

Email: sudarsan2165@gmail.com

Having around 2 years of experience. Linux Administrator and Communication Technologies with establishing and performing activities over the weekends. In VMware Building server, Disk management, and Troubleshooting.

SKILLS & ABILITIES:

- Operating Systems** : Redhat Linux, Windows
- Monitoring Tool** : Nagios
- Network Services** : NFS, FTP, SSH, SAMBHA
- Volume Management:** LVM
- Other Skills** : VMware, AWS, Troubleshooting, Python, Django, UI, MySQL, GitHub.
- Environment** : VS Code, Putty, MobaXterm.
- Portfolio ID** : sudarsanpidugu.github.io

WORK EXPERIENCE:

*PYTHON FULL STACK DEVELOPER | AARAMIT SOLUTION| OCTOBER 2023–JUNE 2024

Certified Python Developer Roles & Responsibilities:

- Attending meetings for upcoming changes and understanding team scope
- Developed web application back-end components while communicating with clients to identify their needs/goals and work on meeting them.
- Worked on the improvement of data protection and security, increasing the security rate by 24 % while creating new user information solutions.
- Maintained large databases and configured services to reduce software maintenance expenses, decreasing the costs by 15% within just one year.
- Good Analytical and Problem-Solving Skills, Talented team player, quick in learning and adapting to new situations, configurations, and technologies.

ETL operations project for converting data from different databases into one database and sending final data into a data warehouse this technique is mostly used in software companies, D-marts, etc.... For this project, I used Python technology and the pandas module.

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- Attending meetings for upcoming changes and understanding the Linux team scope
- Experience in resolving **Server down issues.**
- Troubleshooting and fixing user unable to login issues.
- Monitoring server health using inbuilt tools like top and SAR
- Installing and upgrading packages using YUM & RPM.
- Disk management, creating File system and troubleshooting disk issues like filesystem full and filesystem usage.
- LVM management – Creating, extending, removing the LVs and VGs etc.
- Troubleshooting while LVM is corrupted.
- Working with other teams for login/permissions-related issues
- Monitoring System Resources like CPU utilization, Virtual memory, and SWAP utilization.
- Increase the Swap Space online as per client requirements.
- Configuration of FTP and remote applications like SSH, and telnet. Resolving the user login issues.

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- Installing and Administering Linux servers in 24x7 environments.
- Package management, adding & deleting the packages and patches according to the requirement.
- Disk management, creating File system and troubleshooting disk issues like filesystem full and filesystem usage.
- LVM management – Creating, extending, removing the LVs and VGs, etc.
- Troubleshooting while LVM is corrupted.
- Monitoring System Resources like CPU utilization, Virtual memory, and SWAP utilization.
- Scheduling the jobs using Crontab.
- Configuration of FTP and remote applications like SSH, and telnet. Resolving the user login issues.

PROJECTS:

- **E-Commerce online shopping (Aaramit solution)**

Description: E-commerce application for the clients of Aaramit Solutions to keep track of their Products, Product Stocks, and order tracking from multiple regions.

(VS code, Python, Django Framework, MySQL, UI Technologies).

- **Student Management System (Self project):**

Description: Developed a robust Student Database Management System leveraging Python programming and MySQL database integration. This project mainly aimed to perform all DML commands on data taken.

(VS code, Python, MySQL, Tkinter).

EDUCATIONAL QUALIFICATION:

- Degree **BSc (Computers)** from Dr Br Ambedkar University Hyderabad from Govt Degree college for men (2018-2021) passed with 7.11 CGPA
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