Prakersh Maheshwari

Software Engineer

I am seeking a position within a professional and dynamic firm where I can leverage my skills and knowledge to contribute to organizational objectives while continuously growing and advancing in my career.

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WORK EXPERIENCE

Specialist - Software Engineering
LTIMindtree - Microsoft

07/2024 - Present   *Pune, India*

Achievements/Tasks

- Worked on Automating and streamlining deployment workflows for HwDiagLnx. Wrote Deployment docs for team to follow. Deployed released version across clusters and Validate GDCO tickets it created.
- Integrated Intel QAT build and sign process in HwDiagLnx.
- Validated, Tested and End to end integrated Fieldiag for H100, A100 and Jasper.
- Created Pipeline for signing kernel modules and rpms for GB200 on Azure Linux 3.
- Worked on improving and streamlining build process and restructuring.
- Did multiple Linux and Windows deployments.
- Worked on implementing PDB diag module in HwDiagLnx.
- Worked on analyzing and Implementing fault codes in HwDiagLnx.

Member Technical Staff
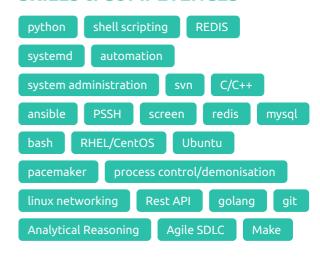**Coriolis Technologies Pvt. Ltd.** ↗

06/2018 - 02/2024   *Pune, India*

Tasks

- Created .rpm/.deb package for the product. Created required install, upgrade and uninstall scripts. Packaged rpm/deb and other required files under self-extracting Linux installer.
- Created systemd/sysvinit service for the product. Managed dependency and service ordering of product.service with dependent services using BindsTo, Requires, Before, After and more clauses.
- Integrated product with redhat pacemaker and wrote pacemaker resource agent to provide high availability for product.
- Automated workflows in Linuxusing python and bash scripts.
- Integrated product with Terraform provider. Worked on implementing CTE functionality in Ciphertrust terraform provider.
- Developed Multinode execution framework using Redis pub sub and key value store. Framework was capable to run a command on parallel across multiple hosts with minimal latency as compared to SSH or PSSH.
- Worked on adding additional functionality to existing c binaries. based on client requirements.
- Implemented upgrade on reboot feature. Which ensured zero downtime and clean upgraded build post reboot.
- Wrote build.sh for products. To simplify long build process and have a common build script for multiple distributions and multiple products.
- Led Scrum team for Program Increment, facilitating sprint retrospectives and PI evaluations. Managed team backlog and represented team in Scrum of Scrums meetings.

SKILLS & COMPETENCES

`python` `shell scripting` `REDIS` `systemd` `automation` `system administration` `svn` `C/C++` `ansible` `PSSH` `screen` `redis` `mysql` `bash` `RHEL/CentOS` `Ubuntu` `pacemaker` `process control/demonisation` `linux networking` `Rest API` `golang` `git` `Analytical Reasoning` `Agile SDLC` `Make`

EDUCATION

Bachelor Of Engineering In Electrical Engineering
Jabalpur Engineering College, Jabalpur

08/2014 - 05/2018

ACHIEVEMENTS

Indian Association of Physics Teachers (2013 - 2014)
Certificate of Merit for being in national top 1% in national standard examination in physics

International Mathematics Olympiad (2013)
International Rank: 8, State Rank: 2

National Science Olympiad (2013)
International Rank: 9, State Rank: 3

CONFERENCES & COURSES

PyCon India (10/2015)
Python developer community

- PyCon India, the premier conference in India on using and developing the Python programming language is conducted annually by the Python developer

INTERESTS

`Computing` `Music` `Traveling` `Mentoring` `Social service` `TV series` `Technology` `Solving real world problems`