

Ajay Gautam

Self-driven IT Professional with strong analytical and problem-solving skills. Efficient in Linux, Container orchestration and software Build and Deployment process. Developed BASH and Python code and created Jenkins pipelines for end-to-end continuous integration.



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SKILLS

DevOps tool stack - Docker, Jenkins, GIT, Kubernetes

Familiar with: Ansible, Nagios, AWS EC2

Languages - C/C++, BASH Scripting, Python, Java

Operating Systems - LINUX (Ubuntu, RHEL, SLES), Windows

Other Skills - MySQL, Maven, RTC, GNU Debugger, Markdown, debugging and reverse-engineering

Working knowledge of Tomcat, LAMP stack

Good understanding of Devops Key practices like Infrastructure as Code

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

DevOps, Linux Administration, Automation, Opensource

WORK EXPERIENCE

Module Lead

Persistent Systems Ltd

04/2018 - 08/2019

Pune, India

Achievements/Tasks

- Curated **efficient Dockerfiles** for 40+ multi-tier applications.
- Migrated Jenkins jobs from shell format to **Pipelines** and extended it with **shared libraries**.
- Saved 30+ hours** of manual work per week by writing **Python** Script for auto image creation and pushing them to Dockerhub for **1000+ packages**.
- Deployed applications(Calico, Istio) to single node **Kubernetes cluster** to validate after porting the application.
- Slashed down redundancy** in Jenkins jobs by writing common **Shell Script** to automatically check for latest version of a package in the repository.
- Mentored and Trained new joiners on Recipe creation and overall **CI process**.

Sr. Software Engineer

Persistent Systems Ltd

07/2016 - 03/2018

Pune, India

Achievements/Tasks

- Debugged and resolved **C++ Build and Testcase** failures of packages like Gosigar, Istio, GlusterFS, RabbitMQ etc and provided **code patches** through **root cause analysis**.
- Set-up Nagios** for monitoring Jenkins server and nodes to **achieve 99% uptime**.
- Configured LAMP stack files, modified Make-files to port applications from **x86 to s390x arch**.
- Created Dockerfiles, Jenkinsfiles and bash scripts to **automate the execution of jobs**.
- Co-authored documentation** on project related issues for future references.
- Ported Opensource packages** designed for Intel (Little endian) to IBM s390x (Big endian).

PROJECTS

OpenSource Enablement for Linux on IBM-Z (10/2016 - 08/2019)

- Porting of Opensource packages designed for Intel (Little endian) to IBM s390x (Big endian).

Desktop Voice Assistant using Python(self, 07/2020)

- Created A Python based voice assistant using libraries like pyttsx3, smtplib, speech_recognition.

Technothon 2016

- Demonstrated a Supply Chain Management System based on Blockchain technology using IBM's Bluemix Platform.

EDUCATION

Integrated Dual Degree (B.Tech + M.Tech) in Materials Science and Technology

IIT BHU, Varanasi

05/2016

7.3/10

COURSES

DevOps Training (10/2018)

Attended online training course offered by Cognixia and cleared the exam.

EXTRA/CO CURRICULAR ACTIVITIES

Remained in top 30 for 8 weeks in MindSpark programming challenge.

Persistent Systems Ltd|2018

Earned Medals in Persistent Run marathon for 5 Km and 10 Km categories.

Persistent Systems Ltd|2018,2019

Won 1 bronze medal and 4th place in annual music event CrossWindz in Kashiyatra 2015 and Co-ordinated activities for event Jhankaar.

IIT BHU|2015,2016