

Priyanka Saggu

About

Summary

Resourceful DevOps enthusiast with experience in networking and programming. As a summer trainee at [Dgplug](#), have set up and managed multiple Linux servers. Wrote Infrastructure as Code(IaC) to automate setting up of tightly-secured and SSH-hardened systems/servers and On-Prem deployment environments. Working closely under the guidance of mentors from leading upstream open-source projects. And currently an [Outreachy'19 intern at GNOME Foundation](#).

Personal Info

- **Email:** priyankasaggu11929@gmail.com
- **Website:** <https://priyankasaggu11929.github.io/>
- **Gitlab-gnome:** <https://gitlab.gnome.org/priyankasaggu119>
- **Gitlab-salsa:** <https://salsa.debian.org/priyankasaggu119-guest>
- **Github:** <https://github.com/Priyankasaggu11929/>
- **Resume.pdf:** [download here](#)

Experience

Community Learning & Contributions

[Dgplug Summer Training](#)

2018-Present

- Set up and managed multiple Linux distribution servers.
- Wrote Ansible scripts to automatically update system components and setup production environments.
- Set up a WriteFreely multi-user instance behind reverse-proxy.
- Set up multiple Docker containers, orchestrated using Docker Swarm, for carrying out test deployments.
- Wrote Infrastructure as Code (IaC) to setup SSH-hardened servers.
- Contributed to [lymworkbook - a Vagrant lab environment](#) in setting up a few basic level sys-admins problems.
- Setup OpenVpn service, creating both OpenVPN server and Certificate Authority (CA) server on different machines.
- Setup On-Prem multi-cluster orchestration platform for microservices applications deployment using kubernetes tools.

[Debian](#)

2019

- Packaged 4 django/flask dependency python modules under Debian-Python-Modules-Team (DPMT).
- Packaged and updated 5+ ruby-gems for Debian-Diaspora project under Debian-Ruby-Team (DRT).
- Contributed to the Debian-gitlab project under Debian-javascript-team (DJT). Improved old node modules, packaged new ones and was constantly involved in testing of Debian-gitlab for then-stable version release.

[Gnome - gtranslator](#)

2019-Present

- Enhanced UI by revamping existing widgets in accordance with Gnome Human Interface Guidelines(HIG).
- Redesigned existing search-and-replace-bar to a new libdazzle style popover overlay widget.
- Currently working as an Outreachy Intern under the project.

Internships

- **GNOME Foundation**

Outreachy'19 Intern - Present

- **Learn IT, Girl** ([Certificate](#))

Scholar mentee - 2019

- **GeeksforGeeks, Noida** ([Certificate](#))

Graphics designer intern - 2018

Skills/ Keywords

- **Linux:** Debian family (Ubuntu, Debian Buster), Red Hat family (CentOS)
- **Scripting:** Bash and utils, Python
- **Backend:** Python (Django)
- **Frontend:** HTML, CSS, Javascript (jQuery, PhaserJS)
- **GUI Toolkit:** GTK+ 3 in pure C
- **Databases:** MySQL, SQLite
- **Web Application servers/proxies:** Nginx, Apache2
- **Version control systems:** Git
- **DevOps:** Kubernetes, Rancher, Ansible, Docker, Docker Swarm, Helm/Helm Charts, Prometheus & Grafana, Velero, Weave Cloud, Google Kubernetes Engine (GKE), RabbitMQ
- **Misc:** Google Cloud Platform (GCP), OpenCV, Java-J2SE

Education

- **B.Tech in Computer Science & Engineering**

Deenbandhu Chhotu Ram University of Science & Technology, Murthal (Sonapat), Haryana 2015-2019

- **AISSCE (12th-PCM)**

Govt. Model Senior Secondary School, Sector 35-D, Chandigarh (U.T.) 2014-2015

- **AISSE (10th)**

S.B.P. D.A.V Centenary Public School, Fatehabad, Haryana 2012-2013

Conferences/ Events

- **2019 PyCon, India**
- **2019 DebUtsav, Delhi**
- **2017 International Conference on Textile Advances-TAI India**

Additional activities

- Regional Head - Haryana, GirlScript Foundation Private Limited.
- Organised Python 101 BootCamp in Haryana state-level technical fest, Technova.
- Attended IWD'19 event in Google, Gurugram. Also, the women's mega day meetup in Microsoft, Gurugram.

Writings

Self

- [Parse Server On-Premise Deployment](#)
- [A guide to a “safer” SSH!](#)
- [Consul Key-Value Store!](#)
- [Let’s get started with iptables!](#)
- [Automating WordPress Installation Through Ansible!](#)
- [Setting up WriteFreely multi-user instance in production!](#)

Publications

- [Introduction to Xamarin | A Software for Mobile App Development and App Creation](#)
- [Flutter | An Introduction to the Open Source SDK by Google](#)

References

- Chandan Kumar, OpenStack/RDO developer, Red Hat, [chkumar AT redhat DOT com](#)