

# Priyanka Saggu

## About

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### 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](mailto: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/>

## Experience

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### Internships

- [AtlanHQ](#)

*DevOps Engineer Intern - Present*

- [GNOME Foundation](#)

*Outreachy'19 Intern - (Dec' 19 - Mar' 20)*

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

*Scholar mentee - 2019*

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

*Graphics designer intern - 2018 ## 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.

## Gnome - gtranslator

### 2019-Present

- Enhanced UI by revamping existing widgets in accordance with Gnome Human Interface Guidelines(HIG).
- Entirely redesigned the old `search and replace` bar dialog to a new sliding overlay style custom widget, using libdazzle library.

## 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.

## Skills/ Keywords

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- **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, Replicated
- **Misc:** Google Cloud Platform (GCP), Amazon Web Services (AWS), OpenCV, Java-J2SE

## Education

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- **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

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- **2019** [PyCon, India](#)
- **2019** [DebUtsav, Delhi](#)
- **2017** International Conference on Textile Advances-TAI India

## Additional activities

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- 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

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### 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

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