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

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 orchestriation 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

- **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

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

Deenbandhu Chhotu Ram University of Science & Technology, Murthal (Sonepat), 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