

Syed Muhammad Qasim Sarfraz

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Career Summary Software Engineer with a passionate and a self driven personality with experience in software development and system engineering of cloud native softwares.

Computer Skills *Languages & Software:* Golang, Python, Ansible, Bash, Git, Jenkins, Docker, Kubernetes, AWS and VSphere.
Operating Systems: Linux

Work Experience **Software Engineer** at Microsoft, Hamburg Aug 2022-Present
- Part of Linux team, mainly working on contributing to Open Source Ecosystem. Focused on maintaining and contributing to CNCF sandbox project, **Inspektor Gadget**

Full Stack Engineer at Zeal Network SE, Hamburg Nov 2017-June 2022
- Part of a development team with keys roles including:

- Planning and migrating on-premises platform to a cloud provider. (*Kubernetes, Kubespray, Cilium and AWS*)
- Developing and maintaining product **micro-services** with cloud native approach. (*Golang and Kubernetes*)
- Building **reliable systems** by running Kubernetes based platform in production on multiple cloud providers with centralized logging, monitoring and alerting solutions. (*Ansible, Docker, Kubernetes and VSphere/AWS*)

DevOps Engineer at INTECH Process Automation, Lahore Mar 2017- Oct 2017
- Responsible for deployment, maintenance, scalability and system engineering of advanced data and software solutions for IoT platform. (*Ansible and DC/OS*)

Design Engineer III at Xgrid, Islamabad Oct 2014 - Feb 2017
- Senior member of PLUMgrid Cloud Solutions team with responsibilities including design and development of automated deployments, upgrades and maintenance of PLUMgrid Products. The key projects completed here include:

- **Design and development** for PLUMgrid Docker based installation. (*Puppet, Ansible, Bash and Docker*)
- **Lead Developer** for PLUMgrid and Red Hat OpenStack solution for automated installations and upgrades. (*Puppet, Ansible, Bash and LXC*)

Site Experience at PLUMgrid HQ, California Jan-Mar 2016
- 8 weeks training in PLUMgrid HQ, Santa Clara.

Education *Bachelor of Science, Electrical Engineering* 2010-2014
University of Engineering and Technology, Lahore
Concentration : Computers

**Achievements
& Participation**

Speaker at HoneyPot Tech Talk with title, **Kubernetes - the eSailors way**.

Contributor in **open source communities** e.g Kubespray, CoreDNS etc

PLUMgrid outstanding achievement award.