

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 | <i>Languages & Software:</i> Golang, Python, Ansible, Bash, Git, Jenkins, Docker, Kubernetes, AWS and VSphere. <i>Operating Systems:</i> Linux |
| Work Experience | <p>DevOps/Full Stack Engineer at eSailors/Zeal Network SE, Hamburg Nov 2017- June 2022</p> <ul style="list-style-type: none">- Part of a development team with keys roles including:<ul style="list-style-type: none">• Planning and migrating on-premises platform to a cloud provider. (<i>Kubernetes, Kubespray, Cilium and AWS</i>)• Developing and maintaining product micro-services with cloud native approach. (<i>Golang and Kubernetes</i>)• Building reliable systems by running Kubernetes based platform in production on multiple cloud providers with centralized logging, monitoring and alerting solutions. (<i>Ansible, Docker, Kubernetes and VSphere/AWS</i>) <p>DevOps Engineer at INTECH Process Automation, Lahore Mar 2017- Oct 2017</p> <ul style="list-style-type: none">- Responsible for deployment, maintenance, scalability and system engineering of advanced data and software solutions for IoT platform. (<i>Ansible and DC/OS</i>) <p>Design Engineer III at Xgrid, Islamabad Oct 2014 - Feb 2017</p> <ul style="list-style-type: none">- 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:<ul style="list-style-type: none">• Design and development for PLUMgrid Docker based installation. (<i>Puppet, Ansible, Bash and Docker</i>)• Lead Developer for PLUMgrid and Red Hat OpenStack solution for automated installations and upgrades. (<i>Puppet, Ansible, Bash and LXC</i>)• Developer for PLUMgrid Life Cycle Manager for robust automated production grade deployments. (<i>Puppet and Bash</i>) <p>Site Experince at PLUMgrid HQ, California Jan-Mar 2016</p> <ul style="list-style-type: none">- 8 weeks training in PLUMgrid HQ, Santa Clara. |
| Education | <i>Bachelor of Science, Electrical Engineering</i> 2010-2014 University of Engineering and Technology, Lahore <i>Concentration :</i> Computers |
| Achievements & Participation | Speaker at Honeypot Tech Talk with titile, Kubernetes - the eSailors way . Contributor in open source communities e.g Kubespray, CoreDNS etc |

PLUMgrid outstanding achievement award.