Shahriar Eftekhari

Site Reliability Engineer

Devoted my time developing the skills necessary in order to increase velocity, reliability, and quality for dozens of IT products. Leveraging my experience with Cloud Infra, Linux, Kubernetes and Networking to help organizations instill modern DevOps practices. I have extensive experience being SRE engineer on uptime-critical services such as Paxful.com and ArvanCloud CDN, utilizing opensource software to manage, process and monitor a commercial high scale distributed workload, diving deep into low-level system engineering when necessary.

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WORK EXPERIENCE

Senior Infrastructure Engineer
Paxful.com

03/2021 - Present　　　　　　　　　　　　　　　　*Tallinn, Estonia*
P2P crypto marketplace and wallet

Achievements/Tasks
- Implement/maintain services needed by Data Engineering and Security
- Migrate services to use latest infra technologies (Helm, HashiCorp Vault, ArgoCD, ...)
- Take part in design and deployment of multiple services
- Participate in weekly oncall rotation, maintaining a high-load webiste with millions of users

Site Reliability Engineer
ArvanCloud ⬈

06/2019 - 01/2021
international integrated cloud infrastructure provider

Achievements/Tasks
- Troubleshoot problems, maintain and develop CDN infra with tens of millions of users and hundreds of PoP sites.
- Use low-level linux system tuning to achieve peak performance and DDoS resiliency
- Create a suite of DDoS detection and mitigation systems using opensource tools (Apache Flink, sflow, ...).

Lead DevOps Engineer
Innovation Village

06/2018 - 06/2019
CPE Network equipment manufacturer

Achievements/Tasks
- Design system architecture and lead a team to implement low-level software for a commercial LTE modem/router using OpenWRT as base.
- Design and implement a complex CI/CD pipeline for rapid embedded development.

Automation Engineer
RHSec

07/2017 - 06/2018
EDR development and security assessment

Achievements/Tasks
- Develop tools in python to automate penetration test tasks and save up time.
- Develop a pluggable security assessment automation platform.

Site Reliability Engineer
CPOL ⬈

03/2016 - 03/2017

Achievements/Tasks
- Work in a team creating an IPTV streaming appliance for hotels and dorms using opensource tools.
- Build "parallel processing playground" for experimenting with distributed computing. Actively being used in multiple universities.
- Implement network and infrastructure (Windows Server, Linux, Mikrotik/Cisco) for a few companies and startups in Isfahan Science and Technology Town.

SKILLS

Linux　SRE　Windows Server　Python　Flask　SQL　Redis　Security　ELK　Distributed Systems　Kubernetes　CI/CD　Helm　Lua　Automation　IAC　SaltStack　low-level Linux Networking　Redis　MariaDB　Postgresql　Clickhouse　Technical Writing　Linux Kernel Development　Apache Flink　Apache Kafka　ML Engineering

ACHIEVEMENTS

17th WorldSkills Iran, Networks & Systems Administration - 1st place (2016) ⬈

Khwarizmi International Awards - Bronze Medal in Computer (2016) ⬈

Isfahan University of Technology APA Capture the flag - 1st Place (2018) ⬈

APA CyberSecurity Startup Contest - 1st Place (2018) ⬈

Sharif University of Technology SharifCTF - 2nd place (2019) ⬈

PERSONAL PROJECTS

Intelligent Distributed Computing (04/2015 - 04/2016)
- Built a platform for distributed computing of programs compiled without distributed capabilities (runtime patching and method offloading).
- Won Khwarizmi International Award for best innovation in Computer Science.

rayanfam.com Blog (2017 - 2021) ⬈
- Technical blog covering advanced topics in Computer Engineering
- Guides and HowTos for various sysadmin and linux dev tasks

EDUCATION

B.S. of Computer Science (GPA 4.0, Dropped Out) (2017)
University of Isfahan

LANGUAGES

English
Full Professional Proficiency

Persian
Native or Bilingual Proficiency

German
Elementary Proficiency

Russian
Elementary Proficiency