Can Burak Çilingir

TechOps

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*An experienced *Ops with more than 10 years of experience
who aim to automate his tasks.*

Experience

2017.02 – Present   **TechOps Responsible**, *Akinon*, İstanbul.

Responsible for the technology operations of the company.

Set-up and maintain infrastructure required to run a multi-tier application in a maintainable format with Terraform and repeating for each new customer of the company. Hosts are maintained via SaltStack and monitored starting from the high level, performance from the end users' perspective to low level, number of tasks in the queues, down to lowest level, unintended I/O changes.

The code is deployed with fabric, triggered by Jenkins.

100% uptime for 4 months, as of June.

Keywords: AWS, boto, terraform, django, EC2, elastic beanstalk, elasticsearch, fabric, firewall, IaaC, jenkins, nginx, open vpn, postgresql, python, RDS, saltstack, SQS, supervisor, uwsgi, VPN, zabbix

2016.05 – 2017.02   **Technical Manager**, *Metglobal*, Istanbul.

Led the team responsible for developing the main search and booking engine. Attended reporting meetings with the upper management.

Additionally, worked on keeping the application up and running, mainly extension of the previous role. Handled the systems part of a double-tiering project with no downtime.

2015.09 – 2016.05   **DevOps Team Lead**, *Metglobal*, Istanbul.

Responsible for the uptime and deployment of all company projects.

Hosted on AWS with more than 300 hosts including redis, elastic search clusters, all set-up by my team or peers. Developed a high available log system setup capable of handling logs of a 80k/min complex REST application, delivering to cloudwatch logs, s3. Pointing out the runtime performance problems of the applications by monitoring all critical parts.

Keywords: ansible, apache, AWS, boto, debian, django, docker, EC2, elasticsearch, fabric, firewall, fluentd, gunicorn, jenkins, nagios, nginx, postgresql, puppet, python, RDS, supervisor, uwsgi, VPN

2013.10 – 2015.09   **System Operations Manager**, *Sky Atlas*, Istanbul.

Developed and operated cloud based services, covering the whole stack SaaS, PaaS and IaaS.

Started first with in-house orchestration with LXC, followed by OpenVZ and Xen. Final decision was OpenStack.

Keywords: apache, AWS, ceph, cinder, debian, django, EC2, firewall, gunicorn, heat, jenkins, LXC, nagios, neutron, nova, open vswitch, openstack, openvz, puppet, python, sahara, supervisor, swift, VPN, VXLAN, xen, zabbix

2012.06 – 2013.08   **Co-Founder**, *Telosoft*, Singapore.

A boutique software house serving to newly-found startups and financial institutions. Handled development and system administration tasks and consultation as needed. Most of the projects were Django and iOS.

Keywords: apache, AWS, bind, css, debian, django, EC2, EMR, fabric, firewall, gunicorn, hadoop, HTML, ios development, javascript, jenkins, nagios, postgresql, puppet, python, rabbitmq, red5, supervisor, VPN, zabbix

2009.08 – 2012.06   **System Administrator and Developer**, *42 Ventures*, Singapore.

Developed a portfolio management system, CRM solution and e-fiduciary software to support a team of asset managers. Deployed an algorithmic trading platform's back-end to Hadoop on Amazon Elastic MapReduce. Coded, deployed and maintained e-commerce platforms that power private shopping and group buying sites across APAC among with all related infrastructure such as e-mail delivery, accounting, HR and payment gateways all running on a small farm of servers at AWS. Installed and configured IP Telephony services using open source tools to solve immediate office needs.

Keywords: apache, AWS, bind, css, debian, django, EC2, EMR, firewall, hadoop, HTML, javascript, jenkins, nagios, postgresql, puppet, python, rabbitmq, supervisor, VPN, zabbix

2005.06 – 2009.06   **Teaching Assistant**, *Bilgi University, Department of CS*, Istanbul.

Assisted in teaching core computer science curriculum. Delivered Suse and IBM certification trainings. Managed 200+ lab computers and servers for the department.

As a side job, developed and ran the code of Turkey's once largest private shopping site, Markafoni with Django on physical hardware including switch and firewall configurations and e-mail delivery.

Keywords: apache, bind, css, debian, django, firewall, HTML, ios development, javascript, jenkins, ldap, nagios, postfix, postgresql, puppet, python, rabbitmq, VLAN, VPN, zabbix

Education

2001–2005   **Bachelor of Science**, *Istanbul Bilgi University*, Department of Computer Science, Istanbul.

Keywords

ansible, apache, AWS, bind, boto, ceph, cinder, cloudformation, continuous deployment, continuous integration, css, debian, django, docker, EC2, elastic beanstalk, elasticsearch, EMR, fabric, firewall, fluentd, git, gunicorn, hadoop, heat, HTML, IaaC, ios development, javascript, jenkins, ldap, linux, LXC, nagios, networking, neutron, nginx, nova, OOP, open vpn, open vswitch, openstack, openvz, pipeline, postfix, postgresql, puppet, python, rabbitmq, RDS, red5, redis, rest, sahara, saltstack, scaling, serverless, SQS, SSH, supervisor, swift, terraform, ubuntu, uwsgi, virtualization, VLAN, VPN, VXLAN, xen, zabbix