**Bora Ozkan**

**DevOps Engineer, London**

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**Profile**



**2+ years** of experience as a **DevOps Engineer** Supporting Infrastructure (AWS, Linux, Windows), DevOps (Build & Release Management) and **10+ years** experience in **IT&Linux&Network** with strong background on web applications,middleware,and databases. Committed to **Agile** methodologies, experienced in **Scrum and Kanban** development. Played major roles in **design** and **development** of **enterprise** projects.

**Tech Stack**



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| **DevOps Tools** | Docker, AWS(EC2, S3, SES, SQS, SNS, Lambda, CloudFront, ElasticBeanstalk, DynamoDB), Google Cloud Platform, Jenkins, TravisCI, SemaphoreCI, CircleCI, Kubernetes, Terraform | 1-2 years |
| **Version Control** | Git, Bitbucket | 1-2 years |
| **Databases** | Oracle, MySql, Postgresql, MsSql, MongoDB, RDS | 3-6 years |
| **Cloud Platforms** | Amazon Web Services | 1-2 years |
| **Monitoring Tools** | AWS Cloud Watch, Nagios, Grafana, Kibana, NewRelic | 1-2 years |
| **Operating Systems** | Linux, RHEL, Ubuntu, Amazon Linux | 5-8 years |
| **SDLC** | Agile, Waterfall | 6-8 years |

**Work experience**



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| **Freelancer**  **Devops Engineer** | August 2018 – October 2019 |
| * Experienced in creating, configuring and maintaining Infrastructure on AWS Cloud services including Virtual Private Cloud (**VPC**), **EC2**, **RDS**, **S3**, **Route53**, **SNS**, **CloudFront**, **CloudWatch** and **IAM**. * Experienced in **migrating servers** from **data center to Amazon Web Services cloud** * Experienced in creating various dashboards, metrics, alarms and notifications for servers using **AWS Cloud Watch**, **Grafana** and**Nagios**. * Experienced in creating complex IAM policies, Roles and user management for delegated access within AWS. * Experienced in creating complex caching and routing policies with content delivery network (**CDN**) using **Akamai/CloudFront** to improve the **page speed** and **TTFB** values. * Hands-on experience with **databases** (**MySQL**, **MongoDB**, **MSSQL**) creating users, performing dump/restore and taking automated snapshots. * Experience working with version control systems like Subversion, GIT and used Source code management tools **GitHub**, **GitLab**, **Bitbucket**including command line applications. * Implemented a **CI/CD** pipeline involving **BitBucket**, **Jenkins**, **Ansible**, **Docker**, and **Selenium**for complete automation from commit to deployment. * Installed and configured Chef Enterprise and Chef Workstation hosted as well as On-Premise; Bootstrapped Nodes; Wrote Recipes, Cookbooks and uploaded them to Chef-server. * Experienced in Bug/Issue tracking tool like Bugzilla, **JIRA**, **FreshService**. * Knowledge of Software Development Life Cycle Methodologies Waterfall, and **Agile**. * Experienced in multi platforms like UNIX, Ubuntu, RHEL and Windows 98/XP/Vista/7/8/10 supporting production, test, and development environments. * Strong work ethic with good Interpersonal and Organizational skills. * Ability to work under minimal supervision and guidance   **PROJECTS**   1. Devopslearnt (website) - circleCI   - Deploy git source code with CircleCI and fixing pipeline issues  - Write serverless.yml file, integrate CI and deploy AWS in prod and dev stage  - Manage complexity of multi branch commit and custom domain names   1. Vpc, lambda, dynamodb, sqs, bitbucket CI/CD integration for crawling project   - Create yml format cloudformation template for private/public vpc,lambda,sqs and mongodb  - CI pipeline jenkins and bitbucket python repo   1. https://www.indilocker.com/ website aws deployment and maintenance   - Build on production website on AWS and maintenance  - Elasticbeanstalk and configuring autoscaling   1. https://bonsai-public-website.appspot.com/ on GCP   - Maintenance of website   1. ChatBot on aws   - Running Chatbot program on aws ec2   1. https://www.technoelevators.com/ Maintenance 2. Cdn, cognito and lambda edge consulting for website like medium.com jwt token authorization 3. Write specific policy for s3 limited for a an iam user 4. Serverless sdk and lambda with api gateway project for banking transaction api   - Consulting integration between external api call with lambda and api gateway with serverless sdk   1. Building kubernetes cluster on GCP - Hands-on experience 2. Building kubernetes and container cluster on aws with helm - Hands-on experience 3. Prepare ansible playbook for ubuntu ec2 4. Jenkins integration with docker deployment on aws ecs for a tomcat project 5. Prepare template in terraform for aws platform a vpc with private and public subnet for db 6. Deploy cset tools on aws cloud 7. Backup private git repo to codecommit and sync with aws - inodeas group 8. Travis CI and elasticbeanstalk and docker project   - docker pull boraozkan/multi-worker  - docker pull boraozkan/multi-server  - docker pull boraozkan/multi-client  - docker pull boraozkan/multi-nginx   1. Fixing Amazon SNS Issue 2. Cost Optimization on elastic beanstalk project 3. Installing and running hadoop hdf with ambari on ec2 cluster and entegrate with nifi 4. Consulting for aws elemental mediaconverter 5. Attach backup centos snapshot to ec2 on an existing ebs and fixing it 6. Fixing deploying cloudformation in Hong Kong region limitation 7. Recovering lost pem file in linux ec2 8. Fixing DNS issue ec2 bitnami | |
| **ZTE, Turkey**  **Core Network Engineer** | Jan 2018 – Present |
| * TTNET Core Network Administration, **SBC**(MPE/SPE), UP10(IMP/SCP), U31(Netnumen), BOSS, SS(SoftSwitch) and TGs(MT256/MT64) ip network switches and servers with more than 4 million subscribers voice network * Design, installation, configuration, troubleshooting and monitoring of core LAN/WAN services including IP & VoIP protocols (i.e. H.323, SIP, TCP, UDP, RTP,DIAMETER), * IMS knowledge * Fixed telephony services knowledge, ZTE core network software and hardware support experience(2 year) * Accountable for managing and operation all of the customer voice network devices (Media gateways, VoIP/GSM gateways, Soft switches, IP-PBX) to provide best service quality level defined in KPI’s, * Installation of IP-PBX systems and troubleshooting IP-PBX, SIP/IAX trunking problems, * Preparing document, presentation and training about voice services to team members.   **TECHNOLOGIES**   * TCP/IP, SIP, VoIP, IP-PBX Systems * Soft switches (Genband Nextone, VoIP switch etc) * Unix, Linux Operating Systems * **Docker**, **Kubernetes**, **Terraform**, **TravisCI**, for pipeline * **AWS** ( **Elastic Beanstalk**, **ElasticCache**, **VPC**, **EKS**) * CGSL System * HA Cluster, Disaster Recovery   **LINUX EXPERIENCE**   * Work at a strategic level with project managers and architecture team influencing, designing and delivering service improvements and business change * Provide performance statistics and reports * Manage lab/development environments and refresh the environment properly * Develop automation solutions leveraging shell scripts to increase the operational efficiency * Ensure servers are patched with the latest firmware and OS updates using tools provided * Provide system management involving account monitoring, security, Operating System installation, and other local area system administration related functions * Make cronjob and permission for new user to get files from sftp * Created logical volumes and increased the file system in Linux servers * Assisted in the preparation, testing, design, and editing of various computer programs * Experienced in managing disk quotas and applying RHEL Hardening Standards * Utilized conventional debugging procedures to troubleshoot software * Provide System Administrator level support of applications such as Oracle, MySQL, Apache, Tomcat * Support Application teams and assisting with complex issues | |
| **ACTS TELECOM, Turkey**  **Network Engineer** | May 2017 – Jan 2018 |
| * Design, installation, configuration, troubleshooting and monitoring of core LAN/WAN services including IP & VoIP protocols (i.e. H.323, SIP, TCP, UDP, RTP) * Accountable for managing and operation all of the customer voice network devices (Media gateways, VoIP/GSM gateways, Soft switches, IP-PBX) to provide best service quality level defined in KPI’s * Installation of IP-PBX systems and troubleshooting IP-PBX, SIP/IAX trunking problems, * Preparing document, presentation and training about voice services to team members.   **TECHNOLOGIES**   * Management of Verscom Odine Intelligent Wholesale Voice Management Applications * Management of BICOM Cloud PBX * TCP/IP, SIP, VoIP, IP-PBX Systems * Soft switches (Genband Nextone, VoIP switch etc) * Unix, Linux Operating Systems | |
| **NATEK INFORMATION TECHNOLOGIES, Turkey**  **Network Engineer** | Jan 2015 – Jan 2016 |
| * Implementing Network Monitoring (NSM) and Network Access Controller (**NAC**) to customer networks, * Network devices(router, hub, switch, backbone, firewall) and systems (servers which includes all enterprise IT operation) monitoring design and alarm scheduled, * Providing from illegal network usage with NAC, * Regular basis customer visits, * Identifying/reporting the reason of main problems and troubleshooting, * Generating detailed design and plan documentations for projects, * Providing network support for the second level, troubleshooting problems about network security and monitoring services.   **TECHNOLOGIES**   * VLANs / STP / RSTP / Ether-channel * LAN Security for non-authoritative access * Windows WMI / SNMP and SSH protocols are used for device enumeration * ARP Poisoning * VPNs – GRE / IPsec / DMVPN / SSL/PfSense * Microsoft SQL 2008 / 2012 / 2012r2 * VMware / Hyper-V * Microsoft Windows Servers 2003 / 2008 /2012 | |

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| **NUMEKO TECHNOLOGIES, Turkey**  **Technical Sales Engineer** | Jul 2012 – Nov 2014 |
| * Responsible for business developing in telecommunication market, preparing regular meeting, visiting and organizing special events for new business opportunities, * Finalizing more than 20 sales project whose budget more than 2 million € that includes products of Europe (Germany and France) and China import, * Managing a project about drive test for 2G/3G quality survey and prepare report for customer, * Organizing and carrying out products both abroad side and domestic marketing side which for international companies, * Adding new institutional customer to company’s portfolio, * Responsible for importation, exportation, transportation, foreign correspondence, billing customer, customs procedure, inland haulage, stocking and all of the sales operations, * Recommending business process improvements. | |

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| **TSM INFORMATICS, Turkey**  **Network Engineer** | Jun 2009 – Feb 2010 |
| * Managing the operation of VoIP projects which are executed with other companies, * Following up routine tasks of NOC team, * Responsible for monitoring and management VoIP traffic/services, * Providing network support for the first level, troubleshooting problems about VoIP and hosting services, * Installation customer devices to datacenter and configuration for new VoIP service or colocation service, * Following up and investigating trouble tickets and resolving as soon as possible, * Installation and management Asterisk PBX, * Voice traffic monitoring with PRTG.   **TECHNOLOGIES**   * Implementing traffic filters using Standard and Extended access-lists * OSPF/BGP * Securing switch access * Configuring intervlan routing on Layer-3 switches * Configuring VLANs / VTP / Etherchannels * Implementation of HSRP * Basic knowledge of Active Directory / Group Policy * Cisco routers 2600 / 2800 / 3600 / 3800 /7200 series * Cisco switches C2950 / C2960 / C3560 / C3750 / ME3400 / C6500 | |

**Education**



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| **Kocaeli University, Kocaeli, Turkey** | **Electronics and Telecommunications Engineering,**  **BA Degree** | Oct 2005 - Feb 2010 |
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