

Curriculum Vitae

Personal information

First name	Dawit Mezemir
Surname	Anelay
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LinkedIn Profile	https://www.linkedin.com/in/dawit-anelay/
Nationality	Ethiopian
Gender	Male
Marital Status	Single

Current Experiences

Occupation or position held	DevOps Engineer
Name and address of employer	GeoSolutions, Massarosa, Lucca ,Italy
Date	May 2021 - December 2021

Main Activities:

- Create continuous delivery chanins using Jenkins and other DevOps tools
- Managing and monitoring continuous delivery processes for clients
- Coordinate with the development team to improve the delivery process and the robustness of deployments
- Set up monitoring dashboard (Prometheus, Grafana,geohealthcheck)
- Creating and analytics dashboards based on Elastic Stack (Kibana, Splunk, AppDynamics)
- Create VM backup on Dropbox
- Setup Docker containers (docker-compose) as Build Agents for Jenkins
- Migrating Jenkins jobs from one server to another
- VPN management (openvpn,opensense)

Experience:

- Version Control tools: GitHub, GitLab,codeCommit
- Container Management tools: Docker, Kubernetes
- Monitoring tools: Prometheus, AppDynamics, Grafana, Geohealthcheck
- Deployment & Server Monitoring tools: Splunk, Kibana
- Configuration Management tools: Ansible, Puppet, cloud formation, Terraform
- CI / Deployment Automation tools: Jenkins
- Cloud: AWS (IAM, EC2, Database, Route53,vpc), GCP
- Scripting Languages: python, bash, node js
- Nginx, apache HTTP server,iptables
- Project management tools: Zenhub

Previous work experience	
Occupation or position held	System Administrator
Name and address of employer	<u>EthSwitch S.C</u> e-commerce companies, Ethiopia.
Date	1 year and 7 months (March 2018 – October 2019)
Main Activities:	<ul style="list-style-type: none"> • Coordinate with the development and database team to make the system 24/7 available. • Installing and configuring Linux server • Installing and upgrading packages using RPM and YUM • Monitoring Health status of servers and disk management • Configuring and Troubleshooting IP and DNS on users' Desktops • User account management • Managing WebLogic Server 12c and deploying business(SmartVista) Applications
Experience:	<ul style="list-style-type: none"> • VMware, Oracle VirtualBox, and Oracle Solaris zones • Oracle database, MySQL, MongoDB, Oracle WebLogic, • RHEL, Centos, Ubuntu, Debina, Unix, windows • Knowledge of Command-Line utilities ACL, Cronjob, Firewalls/iptables, Boot process, system log, and Troubleshooting
Occupation or position held	Network Administrator
Name and address of employer	<u>United System Integrators</u>, information technology companies, Ethiopia
Date	6 months (March 2016 – August 2016)
Main Activities:	<ul style="list-style-type: none"> • Installed, configured local area network (LAN), wide area network (WAN) and Internet system.
Experience:	<ul style="list-style-type: none"> • Subnet and IP • ifconfig, ping • Speed test, Putty, ZenMap and NMap
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Education and training	
Title of qualification awarded	M.Sc. in Computer Science - Artificial intelligence
Name and type of organization providing education	University of Pisa Pisa, Tuscany, Italy.
Date	September 2019 – Current
Principal subjects covered	advanced software engineering, Data mining (KD), Machine learning, Intelligent Systems for Pattern Recognition, Human language technology, Parallel, and distributed systems: paradigms and models, Semantic web, Artificial intelligence fundamentals
Title of qualification awarded	B.Sc. Electrical and Computer Engineering
Name and type of organization providing education	Addis Ababa Institute of Technology (AAiT) Addis Ababa University, Addis Ababa, Ethiopia.
Date	October 2012 – July 2017
Principal subjects covered	Theoretical Basics, Mathematics, C++, Java, Applied Electronics I & II, Signals and Systems, DSP, Digital Logic, Network Synthesis and Analysis, Microcomputers and Interfacing, Operating systems, Database, Algorithms, Data

	Communication and Computer Networks, and computer Architecture, Industrial Robotics, and Embedded System were the main courses.																								
Distinction	I have attended my bachelor's degree in Electrical and Computer Engineering and graduated with a distinction.																								
Title of qualification awarded	Oracle Certified Associate, Oracle Linux 5 and 6 System Administrator Oracle Certified Associate, Oracle Solaris 11 System Administrator Oracle Certified Associate, Oracle WebLogic Server 11g System Administrator Certification attached on LinkedIn																								
Name and type of organization providing training	Oracle University Oracle Learning, Oracle University																								
Date	March 2018 – August 2018																								
Personal skills and Competences. Self-assessment English Italian	<table border="1"> <tr> <th colspan="2">Understanding</th> <th colspan="2">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th>Listening</th> <th>Reading</th> <th>Spoken interaction</th> <th>Spoken production</th> <th></th> <th></th> </tr> <tr> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Basic</td> <td>A2</td> <td>A1</td> <td>A1</td> <td>A1</td> <td>A1</td> </tr> </table>	Understanding		Speaking		Writing		Listening	Reading	Spoken interaction	Spoken production			Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Basic	A2	A1	A1	A1	A1
Understanding		Speaking		Writing																					
Listening	Reading	Spoken interaction	Spoken production																						
Excellent	Excellent	Excellent	Excellent	Excellent	Excellent																				
Basic	A2	A1	A1	A1	A1																				
Additional information																									
Research Interests	<ul style="list-style-type: none"> Artificial Intelligence in IT Infrastructure Management and AI and Cloud Computing. 																								
Personal Interest	<ul style="list-style-type: none"> I enjoy grabbing coffee and reading, running, playing football, Listening music 																								