Vanissa Noel Djiofack Temgoua
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Education

M.Sc. computer science — 2021 - ongoing
University of Bremen (Bremen, Germany)

Devops Bootcamp — 01.2023 – 12.2023
Devops Easy learning(Online-USA)

IT-Support Bootcamp — 03. 2021 - 06.2021
Jobskillshare Community (online-USA)

Deutsche Sprache(C1-Zertifikat) — 10. 2019 - 08.2020
Technische Universität Clausthal(Clausthal- Zellerfeld, Deutschland)

Bachelor in Informatik — 09.2014- 06.2018
Odessa Nationale Polytechnische Universität (Odessa, Ukraine)

Russische Sprache DIPLOMA — 10.2013- 07.2014
Nationale Universität Tauride V. I. (Simferopol – Ukraine)

Wissenschaftliches Abitur — 06.2011
Gymnasium le Savoir (Jaunde – Kamerun)

OBJECTIVES

I am a highly motivated and dedicated student eagerly seeking opportunities in a dynamic environment that encourages continuous learning and innovation. I am about to complete my Master's degree with a focus on Cloud Solution Architecture and DevOps Engineering and am excited to apply my skills in a professional environment.
In addition to my academic background, I have completed a DevOps bootcamp where I was able to gain hands-on experience and knowledge in DevOps methodologies and tools, Linux administrator and Cloud computing. Furthermore, my experience in the It-support bootcamp has sharpened my ability to troubleshoot and solve problems efficiently.
One of my specialties is Linux, especially Ubuntu, where I have a solid knowledge base. This knowledge has proven helpful in various projects and tasks, as it allows me to effectively control and optimize systems.
As I am moving from academia to industry, I am excited about the opportunity to apply my skills and knowledge in a professional environment. I am particularly interested in exploring potential thesis topics that relate to the workplace and utilizing the expertise and challenges of the industry to contribute meaningful research and insight.
I am eager to continuously develop myself and look forward to contributing to innovative projects in the DevOps as also in System administration field.

Technical SKILLS

- **Cloud Platforms**: AWS,
- **Programming & Scripting**: Python, JSON, YAML, JavaScript, Bash, Markdown
- **Version Control**: Git

- **Version Control Tools:** GitHub, Gitlab
- **Automation & CI/CD**: Jenkins
- **Infrastructure as Code (IaC):** Terraform, CloudFormation
- **Configuration Management:** Ansible, Vagrant
- **Build Tools** : Maven
- **Operating System:** Windows (7, 8 10), Linux distro(Ubuntu, Centos), Windows-Server, Ubuntu-Server
- **Virtualization tools:** VMware, Virtual Box, KVM
- **Containerization & Orchestration**: Docker, Kubernetes, Aws EKS, ECS, Docker-compose, Helm
- **Communication Tools :** Slack, Zoom**,** TeamViewer, Teams, Skype
- **Ticketing tools**: Jira, Gitlab
- **Documentation tools:** Confluence
- **Monitoring & Logging**: ELK Stack, AWS CloudWatch,Prometeus, Grafana
- **Database**: NoSQL Mongo DB, MySQL
- **Networking :** LAN, VLAN
- **Protocols:** DNS,DHCP, IP/TCP
- **Security**: Load Balancing, SSH, Azure Active Directory, AWS Security Groups , Ufw
- **Additional Tools**: Apache Tomcat, Nginx, Redis\Cache, , Microsoft office 365

Projects

Devops-Project:

During my training, I worked on multiple projects including deploying sophisticated microservices-based applications, employing DevOps methodologies to ensure agility, scalability, and robustness. The project involved the integration of various cutting-edge technologies:

- **Version Control System (VCS):** Git was utilized to facilitate collaborative development and version tracking among team members.
- **Continuous Integration/Continuous Deployment (CI/CD**): Jenkins and Argo CD were employed to automate the build, test, and deployment phases for each microservice.
- **Build Automation:** Maven streamlined the compilation of Java code into deployable artifacts.
- **Containerization:** Docker ensured consistency and portability of microservices across different environments.
- **Orchestration:** Kubernetes provided robust orchestration capabilities, enabling seamless deployment, scaling, and fault tolerance.
- **Package Management:** Helm simplified the deployment and management of complex applications within Kubernetes.
- **Infrastructure as Code (IaC):** Terraform enabled the provisioning and configuration of AWS resources in a scalable and reproducible manner.
- **Cloud Services**: AWS services such as EC2, S3, RDS, and EKS were leveraged for scalable and cost-effective hosting.
- **Continuous Monitoring:** Prometheus and Grafana were implemented for continuous monitoring, enabling real-time analysis of application performance and system health.

Aws-Procject:

Using terraform to facilitate the deployment of insfracture in Aws Cloud. One of the project is the configuration of an AWS Tiered Application, designed with one public subnet and one private subnet. This architecture ensures proper segmentation of resources while allowing secure access to the application components. I made as follow:

- **Public Subnet:** This subnet houses resources that need to be publicly accessible, such as load balancers, bastion hosts, or front-end application servers.
- **Private Subnet**: Resources that require restricted access, such as databases, application servers, or backend services, are placed in this subnet.
- **VPC Creation:** Provisioned a new VPC with CIDR blocks appropriately sized to accommodate the required number of subnets and resources.
- **Subnet Configuration:** Created a public subnet and a private subnet within the VPC, ensuring that the IP address ranges do not overlap.
- **Internet Connectivity:** Configured an Internet Gateway (IGW) and attached it to the VPC to enable internet connectivity for resources in the public subnet.
- **NAT Gateway:** Deployed a NAT Gateway in the public subnet to facilitate outbound internet access for resources in the private subnet.
- **EIP:** attach an elastic ip address to a NAT Gateway to minimizing disruptions to outbound connectivity and simplifying network configurations.
- **Route Tables:** Defined route tables for each subnet, associating them with the appropriate subnets and routing traffic accordingly.
- **Security Measures:** Configured security groups and NACLs to restrict access based on security requirements, ensuring that only necessary traffic is allowed.
- **Resource Deployment:** Deployed application components, such as EC2 instances, RDS databases, and other services, across the public and private subnets as per the application's architecture

Linux-Projects:

Using Ansible to configure Virtual machines. I have gained Linux administrator taks including following:

- Installed and configured various Linux distributions (e.g., Ubuntu, CentOS).
- Managed packages using package managers (e.g., Yum, Apt).
- Administered system startup processes and scheduled tasks with cron.
- Understood core security principles like user permissions and firewalls.
- Troubleshoot basic system issues by analyzing logs and applying solutions.
- setting up sample servers(Web Server)
- Editing file using Vim or Nano
- Implemented basic data backup strategies (full, incremental, differential) using tools like tar and rsync
- Gained foundational knowledge of storage concepts like partitions, file systems (ext4, XFS), and LVM.
- Demonstrated ability to manage storage devices through partitioning, formatting, and mounting/unmounting.

WORK EXPERIENCE

IT Assistant
Heitmann It GmbH **03.2024 - present**

- Creation of devices (workstations) for refueling in the software distribution system.
- Automated refueling via software distribution system.
- Integration of the created customer image on our installation server.
- Filling the image via USB sticks.
- Checking the Installation after refueling.
- Creating checklists and maintaining them.
- BIOS settings according to customer specifications.

IT Assistant
No Limit IT-Services GmbH **10.2022 - 12.2022**

- Installation of new computers and printers.
- Operating system configuration.
- Verification of network power supply.
- Troubleshooting the network for issues with the new devices.
- Documentation of the task performed.

Technical Support
Wildix **01.2018 - 03.2018**

- Troubleshooting/Checking IT infrastructures.
- Network Troubleshooting.
- Creation and management of user accounts in Active Directory.
- Documentation of the task performed.
- Process tickets on the first line and in case of difficulty sent to the second level.

Languages

- French (native language)
- Deutsch (fluently)
- English (fluently)
- Russian (B1)

Social engagement

Carer
Johanniter Unfall-Hilfe (Verden, Germany) 04.2022 – present

- Accompanying the residents in everyday life
- Interpreter Russian-German
- Make an appointment with the doctor
- Maintaining cleanliness in the facility
- Accompanying children in everyday leisure activities