

Adnan Akbas

Senior Consultant

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📍 Cologne



I offer IT consulting services with +25 years of experience, specializing in cloud-based data center orchestration and implementation of projects based on Linux & Unix systems. My main focus lies in crafting effective virtualization & containerization strategies, developing automation solutions, leveraging monitoring tools and web technologies.

PROJECT HISTORY

Linux Desktop & Applications Management

Public service in Düsseldorf | 12.2022—12.2023

Senior IT Consultant

- Implementing automation for deployments, installations, and configurations through the utilization of container orchestration and configuration management solutions to ensure scalable and efficient processes across diverse environments.
- Customizing Linux desktop environments for enterprises or individual users, creating tailored configurations based on specific requirements.

Linux Server Operations & Thin Client Implementation

Logistics company in Cologne | 05.2019—09.2022

Senior IT Consultant

- Designed, developed and implemented a comprehensive in-house thin client solution based on linux, providing secure and controlled access to company apps, desktops and cloud workspaces to meet company's home-office requirements.
- Migrated existing Nagios monitoring solution to Checkmk based on the specific needs of the client to take advantage of its advanced features, flexibility and user-friendly interface.
- Maintaining, optimizing, monitoring and securing Unix/Linux-based servers to ensure smooth operations: Installation & configuration, server monitoring & maintenance, patching & migration, performance optimization, security implementation, backup, troubleshooting, documentation.

Linux Server Operations

Aerospace company in Cologne | 02.2018—04.2019

Senior IT Consultant

- Ensuring seamless operation, optimization, monitoring Linux-based servers: Installing & configuring, monitoring & maintaining, applying patches & managing migrations, optimizing performance, resolving issues and shell programming for automation.
- Automated license management process for various software products to improve efficiency, minimize manual errors and ensure timely renewals for clients.

Linux Server Operations for Web & Application Teams

Media company in Cologne | 10.2015—09.2017

Senior IT Consultant

- Linux point of contact for web and application teams. Provided expert guidance, support and solutions tailored to their Linux-hosted applications as well as infrastructure needs.
- Developed scripts/custom checks to extend the monitoring capabilities of Linux servers.

SKILLS

RedHat Enterprise Linux

Kubernetes

Docker

Ansible

Shell Scripting

Debian Linux

SuSE Linux

Checkmk

VMware vSphere

Oracle Solaris

Solaris Zones & Ldoms

Jumpstart/JET

Splunk

Puppet

Veritas Volume Manager

Veritas Cluster Server

MySQL

Oracle Database

Nginx

Apache Web Server

HAProxy

Wordpress Development

PHP

HTML & CSS

Git

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PROJECT HISTORY

Linux Patch Management & Automation

Pharmacy company in Cologne | 03.2015—10.2015

Senior IT Consultant

- Implemented central patch management system for Linux servers to streamline patch deployment, enhance security and ensure consistent server configurations.
- Automation through shell scripting, installation/configuration and troubleshooting.

Quality Manager for Data Center Service Improvement Program

Telecommunications company in Düsseldorf | 01.2013—09.2013

Project Manager

- Orchestrated the entire Data Center Service Improvement and Preventive Maintenance Program.
- Reviewed application and infrastructure designs of services operated or to be operated and suggested remedial or improvement measures wherever applicable.
- Led all initiatives which are related to technical activities associated to Service Improvement Program: Patching, high availability, security measures, hardware end of life and reporting.
- Designed, implemented, monitored, troubleshooted and diagnosed service performance related activities to ensure a best performing service for the customers.

Data Center Operations & Virtualization

Telecommunications company | 05.2011—12.2012

Senior System Engineer

- Modernized the existing server infrastructure by virtualizing Unix & Linux servers, leading to improved resource utilization, scalability, operational efficiency and significant cost savings.
- Implemented a log management solution to centralize and streamline log collection for enhanced monitoring, threat detection, troubleshooting and analytics.

Data Center Consolidation & Virtualization

Telecommunications company | 04.2010—05.2011

Senior System Engineer

- Executed the Data Center Consolidation & Virtualization project to reduce the number of servers, centralize resources, optimize operational efficiency, achieve significant cost savings and enhance resource utilization across the organization.
- Expanded the capabilities of Provisioning Tools via shell scripting, ensuring efficient and customized server provisioning.

Setting up a Cloud Data Center

Telecommunications company in Düsseldorf | 09.2009—04.2010

Senior System Engineer

- Contributed to the establishment of a prototype cloud data center from scratch, showcased the potential of cloud technology and provided a foundation for future data center expansion.

Data Center Operations

Telecommunications company in Düsseldorf | 04.2005—09.2009

System Engineer

- Administered mission-critical systems and databases with a focus on delivering seamless operations, exceptional performance and data integrity to support vital business functions effectively.

CERTIFICATES

CKA: Certified Kubernetes Admin.

VMware VCP 4/5/6

Certified Linux Administrator (RHCT)

EDUCATION

Bachelor of Mathematics

Middle East Technical University

1991 - 1995

LANGUAGES

German (First Language)

Turkish (First Language)

English (Fluent)