Alexander Sperling

curriculum vitae

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personal data

date of birth	03rd of February 1991
place of birth	Rüdersdorf bei Berlin
birthname	Reinelt
marital status	married
nationality	german

career development

01/2021-present **Cloudadministrator**, *DB Systel GmbH*.
- build, configure, manage, operate cloud infrastructure in AWS CDK (Typescript)
- build, management, updates of AWS Lambda functions in combination with other AWS service like S3, SQS, Cloudwatch Events
- configuration, operation, updates of AWS EKS and ECS clusters
- operation of EKS clusters with EC2 Autoscalinggroups, Fargate Profiles and groupless scaling with Karpenter
- creating, updating, customizing Gitlab pipelines
- 2nd level customer support for cloud infrastructure

03/2020-12/2020 **Development Operations Engineer**, *fuentis AG*.
- setup, configuration, management of microservices infrastructure based on Kubernetes (AWS EKS) via Terraform
- administration of user administration and role concepts in AWS via Terraform
- configuration codecommit (repositories, Approval Rules)
- creation of Jenkins pipelines via Jenkinsfile
- installation, Update, Management Jenkins (Updates, Plugins, Volumes, Slaves)
- installation, Maintenance, Updates, Support of Customer Systems
- automation of Build, Release and Deployment Processes for Projects Based on Java

05/2017-02/2020 **Cloud Solution Engineer**, *HRS Innovation Hub.*
- automation and management of AWS cloud infrastructure (Lambda, S3, Cludfront, SQS, SNS)
- Development, deployment of NodeJS microservices
- AWS IAM administration and role based user management
- management of microservice infrastructure on base of Kubernetes
- configuration Gitlab (repositories, pipelines, CI)
- configuration Jenkins (automatic proviosioning of jobs, CI)
- user and repository management Github
- administration Jira, Confluence, Google for Work
- monitoring of cloud infrastructure with Prometheus & Grafana

01/2016-04/2017 **Systemadministrator**, *Fonpit AG.*
- Management of internal servers (Microsoft DNS, dnsmasq, Microsoft Active Directory, fileserver, printserver)
- installation and configuration of Linux servers (Debian, CentOS) via Chef and Ansible
- email account management
- administration of Jira, Confluence, Google for Work
- configuration Jenkins
- administration and configuration of fortigate switches, firewall and VPN
- hardware- and user support

02/2015-12/2015 **IT specialist for system integration**, *Gesundheitszentrum Prenzlauer Berg GmbH.*
- serveradministration
- purchase of IT-hard- and software
- creation and management of email accounts
- user training and consultation
- IT process automation
- network support
- creation of webpages on base of wordpress and administrative task in web-hosting area (e.g. DNS)

07/2012-01/2015 **apprenticeship IT specialist for system integration**, *arvato direct services Cottbus GmbH.*
- First-Level-Support
- automated installation of Windowssystems with Microsoft SCCM
- automated softwareinstallation

- creation and rights management of Microsoft AD users and groups
- process automation via Powershell and Batch
- installation and configuration of different websoftware
- creation of internal websites with HTML,CSS, PHP, MySQL

10/2010-06/2012   **studies of civil engineering**, *BTU Cottbus*.

school education

08/2004-05/2010	school of sports Frankfurt/Oder - grammar school
08/2003-06/2004	Realschule J.R. Becher Erkner - secondary school
08/1997-06/2003	Grundschule am Rund Erkner - primary school

certificates

2013	**Cisco**, *IT Essentials*.
2014	**Cisco**, *CCENT 1*.
2014	**Open HPI**, *Internetworking with TCP/IP*.
2015	**TÜV Nord**, *dataprotection in medical environments*.

hard skills

administration	Linux, Kubernetes, AWS, Docker, Jenkins, Prometheus, Grafana, Microsoft Server 2008/2012 R2, Microsoft AD/DNS/DHCP/Druckserver, Google for Work, Jira, Confluence, Nginx, Apache, Ansible
support	Microsoft Windows XP/7/8/10, Linux, MacOS
programming	AWS CDK, Typescript, Python, Bash, HTML, CSS, NodeJs, PHP, Powershell
other	Wordpress, Webhosting, 1st-Level-Support

languages

german	**mother tongue**
englisch	**fluent**
french	**basic knowledge**

interests

* running
* reading
* skiing

* cycling
* music
* swimming

other

drivers license