

# PAUL BEHRISCH

Cloud & DevOps Engineer

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Self-driven DevOps engineer with experience in the finance, insurance, and fin-tech industries.

## WORK EXPERIENCE

### SOURCED GROUP

Consultant (DevOps) | Nov 2021 - Present | Toronto, Canada

- Cloud architecture/design
- Write patterns based on Bicep/Arm to automate infrastructure deployments to Azure
- CI/CD pipeline development and operation
- Write deployment/automation scripts
- Advise application teams on cloud strategy
- Lift/shift on-prem workloads to the cloud

### VERSENT

Senior DevOps Engineer | Feb 2019 - Nov 2021 | Singapore & Sydney, Australia

- Worked in a team of engineers to deliver required automation one month ahead of schedule to enable the Prudential plc and M&G demerger
- Developed automation pipelines for automated mobile app builds and deployments to Google Play/Apple TestFlight
- Setup build and deployment pipelines to allow developers to create and destroy environments
- Migrated from on-premise to Azure Enterprise to enable faster development cycles and better accountability.

### NATIXIS

Assistant Vice President, DevOps Engineer | Oct 2017 - Nov 2018 | Hong Kong

- Setup XL Deploy Servers in Asia to reduce the network latency for the users in APAC.
- Integrated Jenkins with Artifactory and XL Deploy to store build artifacts highly available.
- Added Checkmarx and Sonarqube to Jenkins builds to guarantee code quality and security for each project.
- Introduced Bitbucket and Team Foundation Server as version control repositories.

- Introduced Python as a language for automation and rapid development.
- Introduced the Openshift platform to deploy micro-services based on containerization.
- Developed a chat bot to lookup client contracts and KYC statuses.

## **M-DAQ**

DevOps Consultant | Jul 2017 - Oct 2017 | Singapore (Remote)

- Consulted on a part-time basis while relocating to Hong Kong from Singapore

DevOps Engineer | May 2016 - Jul 2017 | Singapore

- Improved monitoring by deploying Zabbix and Grafana.
- Migrated on-premise servers to a multi-region AWS setup.
- Migrated servers from Red Hat Enterprise Linux to CentOS/Amazon Linux to save costs.
- Managed builds and deployments with Jenkins, Artifactory, and Teamcity.
- Deployed Elasticsearch, Logstash, Kibana, and Cloudwatch logs as centralized logging solutions.
- Configured and administrated a multi-region, multi-account AWS network using VPCs, VPNs, and peering connections.
- Introduced Gitlab as a SVN replacement.
- Automated the tagging and backup process of AWS resources using Lambda, Cloudwatch Events, and Graffiti.
- Managed AWS infrastructure as code using Terraform.

## **DOUBLEIQ**

Infrastructure Engineer | Nov 2015 - May 2016 | Melbourne, Australia

- Automated developer environments using Vagrant and Saltstack.
- Maintained and developed a Python web application.
- Maintained and installed Linux servers.
- Configured and tuned Graylog and Elasticsearch.
- Used Docker to deploy the production applications.

## **PLOUTOS**

IT Engineer | Oct 2013 - Aug 2015 | Taipei, Taiwan

- Configured Fortigate Firewalls as DNS server, Gateway, Router, VPN server and Client.
- Automated deployments using Jenkins to increase deployment speed and to avoid mistakes in the deployment process.
- Built an easy and maintainable developer environment with Vagrant, which decreased the time for new developers to get a working environment.

- Wrote reusable Puppet and Chef configurations for servers and Vagrant.
- Administrated Linux servers on the Amazon EC2 platform and on-premise.
- Installed IPsec site-to-site tunnels to interconnect the company's offices.
- Installed and configured Zabbix for server monitoring.
- Optimized CSS layouts of internal company websites to make them responsive.

## UNLEASH

System Administrator | Jan 2013 - Sep 2013 | Christchurch, New Zealand

- Administrated VMWare ESXi Cluster and Linux Servers(Debian, Ubuntu, CentOS).
- Wrote reusable server configurations in Puppet and Bcfg2.
- Automated recurring processes and monitoring tasks with Bash and Python.
- Monitored servers and network devices through Nagios and Munin.
- Installed an out-of-band solution to allow access to network devices during network outages.

## LANDESAMT FÜR STEUERN UND FINANZEN

Apprentice & Systems Administrator | Aug 2009 - Dec 2012 | Dresden, Germany

- Created a Ruby web application to edit XML files in the browser.
- Automated the Windows 7 Desktop PC installation with XML answer files.

## EDUCATION

### IHK DRESDEN

Apprenticeship: Computer Science Expert, IT Engineer | 2009 - 2012 | Dresden, Germany

## SKILLS

**General:** Automation, Cloud migrations, Cloud architecture

**Technical:** Kubernetes, Azure DevOps, AWS, Azure, Python, Linux, Docker, CI/CD, OpenShift, Ansible, Bamboo, Jenkins, Terraform, Kubernetes