

## Radoslaw Janiec

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### Professional profile

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Experienced PowerShell DevOps professional, Infrastructure as Code / Configuration as Code / Cloud Automation via CI/CD pipelines enthusiast with over 10 years of demonstrated experience and expertise in the Windows Server family as well as AWS and Microsoft Azure Cloud platforms. Seasoned in cross-platform solutions, where PowerShell alternatives have to be used. Hard working, dedicated and ambitious, possesses the organizational and prioritization skills necessary to work under pressure, alone or in a team. Consistently goes beyond the call of duty to achieve optimal results, quickly learning new skills in order to address business challenges. Possesses numerous professional certifications, including MCSE, MCSA and MCITP.

### Technical Skills

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- ✓ Advanced PowerShell scripting and advanced PowerShell DSC (writing own DSC Resources, complex respective IaC implementations, DSC on Linux)
- ✓ PowerShell well-known community modules such as Pester, pSake, Invoke-Build, PSScriptAnalyzer, PSDepend
- ✓ Advanced Terraform (custom modules, remote state backends)
- ✓ Moderate Bash
- ✓ Ansible – software packages deployments or environment config on Windows-based machines
- ✓ Microsoft Azure services (Azure Resource Manager model via ARM templates or Terraform) such as Automation (inc. Runbooks, DSC and Hybrid Workers), Functions, Scale Sets, Autoscaling, Availability Sets, Recovery, Storage Services, Insight Diagnostics / Monitor, Azure AD (including Graph API), Container Instances, Container Registry, Networking (Hub-Spoke, VPN), Event Hubs, Key Vaults, RBAC, Managed Identities
- ✓ AWS services such as CloudFormation, Lambda, Autoscaling, SNS, IAM, VPC, EC2, ELB, S3, RDS, ECS, CloudFront, CloudWatch, CloudTrail, Route53, including multi availability zone and region operations
- ✓ Azure DevOps (former VSTS) – Builds, Pipelines, Repos
- ✓ Octopus Deploy – software packages deployments or environment configs
- ✓ Nuget and Chocolatey, handling and creating packages
- ✓ ProGet, configuration and management
- ✓ Git – GitHub, BitBucket, Azure DevOps Repos
- ✓ TeamCity - configuration and management as well as customizations via API
- ✓ Atlassian suite – Jira, Confluence, HipChat – configuration and management
- ✓ Hashicorp suite – Packer, Vagrant, Consul (inc. Consul Template) – testing and images baking (Azure Images, AWS AMIs), config management and key/value store
- ✓ Docker (inc. Docker Compose) – native engine, as well as Azure Container Instances and AWS ECS
- ✓ Kubernetes – Azure Kubernetes Service (AKS)
- ✓ Active Directory (inc. DNS)
- ✓ Windows Server family, configuration and management
- ✓ Basics of Linux and Python

## Career summary

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**July 2019 – present**

**Spektrix LTD  
DevOps Consultant / Azure DevOps Engineer**

**I've been helping the client with their ongoing Azure migration project, focusing on IaaS via IaC. Tech stack used:**

- Azure IaaS
- Azure IAM (Managed Identities)
- Azure Automation with Hybrid Workers
- Azure Container Instances and Registry
- Azure Key Vaults
- Terraform IaC
- Azure DevOps CI/CD Pipelines, Repos and Artifacts
- PowerShell
- PowerShell DSC CaC
- Chocolatey

**October 2018 – June 2019**

**DevOpsGroup LTD (former DevOpsGuys LTD)  
DevOps Consultant / Senior DevOps Engineer**

**During my time with DOG, I've been involved in the following projects:**

- Development of PowerShell wrapper on top of Terraform as well as dedicated Terraform modules to allow on-demand rapid provisioning of single or multi-tier IaaS test environments in Azure. Tech stack used:
  - Azure IaaS
  - PowerShell
  - Terraform IaC
  - Bamboo CI/CD
  - BitBucket VCS
  - Chocolatey
  - Puppet (Windows-based targets) CaC
- Refactoring of existing and creating new DSC configurations for on-premise and Azure-based estate
- Full migration of a subset of PROD on-premise estate to Azure multi-subscription Tenant, which included “from scratch” design and implementation of networking in Hub-Spoke model with VPN connectivity and resources preparation and provisioning via CI/CD pipelines. Tech stack used:
  - Azure IaaS
  - PowerShell and DSC
  - Terraform IaC
  - ARM Templates IaC
  - Ansible
  - Packer
  - Azure DevOps (CI/CD + VCS)
  - Azure Automation
  - Azure Event Hubs
  - Azure Monitor

**July 2017 – August 2018**

**TTT MONEYCORP LTD  
DevOps (WinOps) Engineer**

**A project-driven, agile methodology covered role, with core focus on Cloud Automation and Software Release Pipelines**

- Implemented fully automated Azure Image creation via Packer as well as GitHub and Azure Storage for bootstrapping purposes
- Implemented fully automated dynamic as well as on-demand static isolated test environments IaC / IaaS in Microsoft Azure using GitHub, TeamCity, ARM Templates, PowerShell and Pester tests, with progress notifications to Flowdock
- Implemented fully automated CI/CD pipeline to test environments in Microsoft Azure using GitHub, ProGet, TeamCity, Ansible and Bash or Python with progress notifications to Flowdock
- Introduced ProGet as one stop shop for all packages and Docker Images
- Wrote a library of custom Powershell modules as well as Bash and Python scripts, used for various automation tasks
- Introduced custom TeamCity Triggers via its API
- Setup a library of TeamCity Metarunners to ease its more common tasks
- Setup a library of Octopus Deploy custom Steps to ease its more common tasks
- Introduced various GitHub automation scripts via its API using PowerShell or Bash
- Implemented fully automated Docker Image creation using GitHub, TeamCity, ProGet, Azure Container Registry and PowerShell or Bash and Python as well as Pester or InSpec test frameworks
- Migrated TeamCity Windows and Linux based Build Agents to Docker containers
- Introduced Consul and Consul Template for application config management and key/value store
- Migrated several static services such as Elasticsearch stack to Docker Swarm Mode services
- Introduced SonarQube for code quality
- Worked closely with Developers, providing required training, guidance and expertise on daily basis
- Liaised with Infrastructure, InfoSec, DBA and Networking teams with regards to any automation of on-premise environments and static services

**September 2015 – April 2017**

**JUST EAT LTD**

**DevOps (WinOps) Engineer, Identity and Infrastructure Engineering team**

**A project-driven, agile methodology covered role, with core focus on Infrastructure as Code / Automation aspects with usage of PowerShell wherever possible**

- Using native automation services / tools depending on platform, i.e. CloudFormation (including Custom Resources) and Lambda (Python-based) for AWS, ARM templates and Automation for Microsoft Azure
- Responsible for IaC “from scratch” or improvements of existing for core infrastructure such as TeamCity, Jira, Confluence, GitHub Enterprise, ensuring resilience, scalability and as much fail-proofing as possible by autoscaling, multi availability zone / region / location deployments
- Responsible for constant improvements of IaC, including deployment / recovery times cut downs, by identifying and eliminating unnecessary dynamic elements / potential points of failure with usage of tools such as Packer by Hashicorp (for AWS AMIs baking) or NuGet / Chocolatey packages
- Responsible for maintaining and upgrades of core infrastructure while being the main point of contact for anything TeamCity and its Agents related (both Windows and non-Windows based)
- Using either TeamCity or Azure Automation as the main Orchestrators for any automation tasks at hand
- Working closely with Developers teams, to ensure availability and proper configuration of any tools / services they require, such as ProGet as internal repositories for Ruby gems or NuGet / Chocolatey packages
- Following Test Driven Deployment (TDD) / pipeline logic wherever possible, with usage of well-known PowerShell community modules such as pSake and Invoke-Build (pipelining / task sequencing) or Pester and PSScriptAnalyzer (testing)
- Written a library of universal PowerShell modules used for automation purposes and any ad-hoc as needed
- Introducing various PowerShell-driven automation helpers / improvers, such as PowerShell module for output streams intercepting with Apache’s log4net or proper pipelining of PowerShell modules creation itself

- Extended Microsoft Azure PowerShell functionality via Microsoft Graph API, by writing a respective PowerShell wrapper
- Deployed PowerShell DSC as fully automated IaC in Microsoft Azure
- Deployed PowerShell DSC in fully automated fashion in Microsoft Azure Automation DSC
- Complex configuration and usage of PowerShell DSC (Push or Pull mode) with both v1 (ConfigurationIDs) or v2 (RegistrationKeys) engines
- Complex PowerShell DSC Configurations creation using Composite Resources logic
- Experimenting with PowerShell DSC on Linux (Push or Pull mode)
- Deployed micro-services such as SonarQube using native Docker engine or AWS EC2
- Complex AWS IAM usage, to ensure best authentication approach (moving to Roles rather than users wherever possible)

**2007 – 2015**  
**(2011 – July 2015)**

**DATAPIPE EUROPE LTD**  
**Senior Windows Systems Admin**

**Served as the dedicated Senior Admin and primary technical contact for medium to large clients (100+ servers), providing key expertise on support, project and workflow handling, design and architecture as well as tasks automation**

**(2009 – 2011)**

**Windows Systems Admin**

**Provided assistance to senior-level colleagues in software deployments, upgrades and maintenances, OS patching, initial and complete troubleshooting as well as daily customer support via phone and ticketing system**

**(2007 – 2009)**

**Datacenter Support Engineer**

**Handled server and networking hardware, including rack mounting, cabling, hardware health monitoring and troubleshooting**

**2006 – 2007**

**MACOB SYSTEMS LTD**  
**PC Workshop Technician**

**Provided desktop PC hardware and software support on-site, over the phone and in the shop, resolving all computer- and network-related issues, and configuring wired and wireless networks**

**2005 – 2006**

**INDEPENDENT CONSULTANT**  
**IT Support Specialist**

**Developed effective solutions for various computer, network issues for private customers, offering support on-site and over the phone**

## **Professional Training**

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- ✓ Server Infrastructure

- ✓ Windows Server 2008 Enterprise Administrator
- ✓ Windows Server 2012
- ✓ Windows Server 2008
- ✓ Windows Server 2003
- ✓ Data Center Virtualization
- ✓ Windows Server 2008 Active Directory Configuration

- ✓ Windows Server 2008 Network Infrastructure
- ✓ Windows Server 2008 Applications Infrastructure
- ✓ Windows 7 Configuration
- ✓ Messaging on Windows Server 2003
- ✓ Citrix XenApp 6.5

## Education and Certifications

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<b>MCSE</b>	Microsoft Certified Solutions Expert (2014)
<b>MCITP</b>	Microsoft Certified IT Professional (2013)
<b>MCSA</b>	Microsoft Certified Solutions Associate (2012, 2014)
<b>MCTS</b>	Microsoft Certified Technology Specialist (2011, 2012)
<b>MCSE</b>	Microsoft Certified Systems Engineer (2010)
<b>MCSA</b>	Microsoft Certified Systems Administrator (2009)
<b>VMCA</b>	VMware Certified Associate
<b>AWS</b>	Technical Professional Accreditation
<b>BSc</b>	Control Engineering and Robotics (2005)

References are available on request

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