**Name: Gustaw Solski**

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**Notice Period: 1 week (contract)**

**Personal Profile**

*IT Systems Administrator with over 8 years of professional paid experience who has a passion to programming.*

*Provides root cause troubleshooting and implements fixes to help future occurrences. Utilizes a homelab to research, automate and test different deployment scenarios and infrastructure configurations.*

**Employment History**

**Senior ICT Support Officer, Cheshire West and East Council**

**ICT Application Support – Digital and Agile Delivery Team (Mark Dodd)**

**Chester, United Kingdom, May 2019 – today**

* Database migrations, backup and recovery
* Migrated of on-prem government infrastructure to Microsoft Azure (IaaS)
* Supported systems including SQL Server hosted on Azure Virtual Machines and Azure SQL Databases
* Performance monitoring and tuning
* Azure geographic data replication
* Daily use of Azure Portal, Azure RemoteApp, Azure PowerShell, Amazon Resource Manager
* Azure Automation
* Windows Migration
* Citrix Layering
* PowerShell automation
* AppSense (anti executable) and Citrix environment (VM)
* Citrix Layering
* Work in a development / programming capacity
* Designing and supporting new custom tailored Council’s wiki.
* Heavy use of Active Directory
* Supported, maintained and troubleshoot government-specific applications like GIS systems for flooding control, complex systems for leisure centres, UK Voting System (Electoral System), automated door control systems.
* Contact with multiple software vendors
* Data analytics
* Tasks with SQL, Scripting, Data Mining
* Heavy use of Microsoft System Center Configuration Manager (SCCM)
* LANDesk Calls
* Experience with setup and maintain Stratodesk Thin Clients (PC’s, Thin clients from various companies, Raspberry Pi’s)

**IT Systems Administrator, GUGO GROUP**

**Zielona Góra, Poland, March 2013 – March 2019**

* Provides technical support and implementation assistance to clients that require superior technical expertise and urgent response.
* 3 years of professional experience with application packaging – Flexera Installshield, Nullsoft NSIS, Innosetup, custom tailored installers using Python and QT.
* Automates troubleshooting and software maintenance via Powershell, SQL and Python scripting.
* Configured, deployed and managed Dell, HP and SuperMicro servers (using ILO, iDRAC, IPMI).
* Administered Windows Server 2003/2008/2008 R2/2012/2016 and Linux servers (Debian, Ubuntu, CentOS)
* Identify and resolve database issues through SQL scripting.
* Built and scaled monitoring solutions using Zabbix.
* Provided technical support and troubleshooting for the company’s software clients via telephone, email and web conferencing.
* Daily use of Citrix, Vmware, Hyper-V, as well as various Linux distributions (CentOS, RedHat, Ubuntu, Debian)
* Heavy use of Active Directory 2003/2008/2012, ranging from password resets to security group creation and management.
* Configured, deployed and managed Windows 10 workstations.
* Blueridge Networks AppGuard (antiexecutable)
* Worked with largest EU and US datacenters, covered multiple physical servers and VPSes.
* Made custom powershell solutions to automate/resolve hard to solve by manual way issues.

**Freelancer – Programmer & Application Packager**

**Zielona Góra, Poland, June 2011 – March 2013**

* Automated exe and MSI installer packages using NSIS, InnoSetup, InstallShield
* Designed, coded, maintained and supported Windows installer suite written in Python and QT
* Packaging Unreal Engine games for Windows XP, 7, 8 and Android
* Automated signing Windows applications using normal and EEV keys under Linux ecosystem – using Python
* Daily fights with Windows DLL Hell
* Administered and maintained NGINX servers
* Administered HA (High Availability) clusters
* Automated server monitoring using Python – with phone and SMS alerts
* Maintaining dedicated servers and VPS on different sites/vendors in APAC, EMEA and AMER.

**Tehnical skills**

* Vmware
* Citrix
* Hyper-V
* Windows Server 2012, 2012 R2 and 2016
* Windows XP, Vista, 7, 8 and 10
* Linux (CentOS, Debian, Ubuntu, RedHat)
* Stratodesk NoTouch Desktop (for Wyse thin clients, Raspberry Pi)
* Powershell
* Python
* Bash
* Microsoft SQL Server 2012, 2016, 2017
* Active Directory management
* Microsoft Office 365 administration, SharePoint
* Cloud hosting (Microsoft Azure, Amazon AWS, Scaleway)
* Remote Desktop, Teamviewer, XenApp
* Application packaging (exe, msi, msix)
* Application layering
* Docker
* Selenium, ChromeDriver, GeckoDriver
* Provisioning dedicated servers and workstations
* Data cabling

**Education**

* Faculty of Physics and Astronomy, University of Zielona Góra Poland (2011-2013)
* Information Technology College, Zespół Szkół Ekologicznych, Zielona Góra, Poland (2003-2006)

**Homelab**

* Two node cluster, 32 GB + 64 GB RAM, SSD RAID
* Two Raspberry Pi (thin clients for Stratodesk)
* PFSense Firewall deployment controlling ingress / egress.
* Segregated networking for wifi, firing range, automation, and desktop IP space.

**Coding + Open Source Contributions**

* Free English Teacher – voice recognition software written in Python and QT that listen to user and makes real time correction of his English pronunciation. Platform: Windows (ready). Android (in development)
* IQ-Installer – Not yet opensource – Beautiful installer suite coded in Python and QT framework, with embedded video playing during installation, license authentification and embedded Chrome browser

(for buying license).

* Gmail/Youtube/Facebook account mass creator – Not yet opensource – Automated solution for

creating thousands of social acocunts, all with two factor authentication.

Coded in Python + Go + ffmpeg + speech recognition software.

* Custom designed and coded device for alerting drivers when the first signs of sleeping is detected. Project is evolving fast. I used for that Python, OpenCV, Raspberry Pi and a lot of hardware accessories.

**Organizations:**

* Linux Fundation Member
* Dot Net Liverpool Member

**Hobby:**

* Programming in various languages
* Automation of various Windows software
* Android development
* Helping disabled people learn how to enhance their life with computers (charity).