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|  |  | Mark Pierce  Windows/Dev-ops Engineer |
| Summary A strong passion for infrastructure as code and Developing automated solutions. I’ll support the life cycle of software to the life cycle of hardware with code and direct action. Personal Info **Address:**  Tretjakovlaan Amsterdam  **Phone:**  0639876781  **Email:**  mark.pierce.d@gmail.com  **LinkedIn:** <https://www.linkedin.com/in/mdpierce1/>  **GitHub:**  <https://github.com/systemkaos> Skills and Experiences (Stronger skills first) **Languages:**  Powershell, Python, JavaScript, PHP, C#  **Automation/Build Tools:**  DSC, Puppet, Ansible, Chef  **Virtualization:**  VMware ESXi, Hyper-V, Azure, Docker, AWS, Digital Ocean, Xen,  **Platforms:**  Windows & Linux (Redhad/Debian)  **Others:**  IIS, ADFS, DNS, Git, Nagios, MSSQL, Exchange, MYSQL, SCOM, SCCM, Lync, ITIL, Agil Others -English Native Speaking.  -EU/US Citizen Authorized to work in the EU, UK, and United States.  -NATO Eligible security clearance.  Secret and TS-SCI eligible.  -Runner, Mudmaster(42km) and long-distance hiker (+150km).  To keep this below 2 pages. More details can be found on my LinkedIn or GitHub. |  | WORK EXPERIENCE **IPSoft -** **Senior Windows Engineer**  2015–2018  Ensure wasteful and repeated processes are eliminated through automated, pre-configured solutions for corporate IT infrastructure within large multiregional corporations. Collaborate in the developmental process of building automations, environments and monitoring solutions.  **Contributions**   * Automated deployment with Powershell and DSC within Azure environments and on premise. * Develop checks and automated solutions to resolve triggered events in Powershell, Python and JavaScript. * Assigned Technical lead to guide projects and infrastructure projects for priority client. While maintaining daily administrative tasks in their current infrastructure. * Technical lead for EU based customer within an engineering team. Supported Hyper-V infrastructure, ADFS and Exchange. Developed and implemented automated procedures and monitoring checks where none were present. * Design, build and bug fix custom designed automations within a Windows based infrastructure leveraging Powershell and JavaScript. * Leverage declarative based language configuration systems. Puppet, Ansible, Chef to support mixed environments.   **MMIT** - **Senior Windows Engineer**  2014–2015  Supported development and release cycles while maintaining enterprise services. Align corporate IT with the demand for automation and standardization  **Contributions**   * Built from scratch, a centralized management database with Powershell, PHP and MYSQL to facilitate a Microsoft Audit. * Established standards and documented procedures to improve consistency and quality while supporting integration of automated solutions and configuration management strategy. -Implemented ELK stack to improve quality of services through our web platform. * Automated engineering and deployment processes to help with in house software release cycles using Powershell, DSC and IIS. * Supported Windows enterprise work within the company on premise and in AWS.   **Expereo International -** **Senior Windows Engineer**  2012–2014  Sole Administrator responsible for operational support of business software and Windows Enterprise services. I also maintained a devops role in relation to in house solutions and software.  **Contributions**   * Presented and received funding to move all datacenter hardware to a greenfield environment for better redundancy and reduction in costs. Responsible for planning an execution. * Implemented infrastructure monitoring with custom developed checks for Windows via Powershell integrated with Nagios. * Designated subject matter expert on internal web software used in support of the business since I was solely responsible for the integrity of the platform. * Removed persistent issues with automated tooling and systems to allow better resilience within the companies demand to scale. * Supported Windows enterprise work within the company on premise and in AWS by introducing enterprise monitoring and standardization.   **United States Marine Corps** - **Systems Engineer**  2007-2012  Maintained 4 Windows based, air-gapped environments along with their respective hardware while being in the Pentagon. Directly responsible for 1500 users and the hardware required for their daily work.  **Contributions**   * Lead engineer responsible for migrating environment into a clustered ESX 3.5 environment. Responsible for the planning and execution. * Designated the subject matter expert for a full accreditation package in accordance with Defense Information Systems Administration (DISA) policy. This allowed users of a specific network to continue operations within their individual applications and servers. Following all government rules and regulations with regards to their software and hardware. * Redesigned from the ground up forest, GPO, and file sharing solutions for users. * Supported Windows enterprise work within the company via ADFS in a domain with over 200,000 users.   **United States Marine Corps -** **Helpdesk Technician**  2004–2007  Provide user-based support via phone and ticketing system while engaging in on-site assistance and troubleshooting for VIP users in the Washington DC capital region. Homelab **My House “Family Helpdesk”**  2004–Present  Running a lab environment out of my house consisting of a Hyper-V T-110 connected to a NAS for iSCSI storage. The labs purpose is to develop new and old skills while trying new ideas and concepts that could be used in application.  **Contributions**   * Fully automated Azure and Hyper-V deployment of desktops and servers via Powershell, Desired State, and Azure automation services. * Domain deployment via DSC. * Script library used to help leverage configuration management tools such as puppet, chef and Ansible. * Compatible with Microsoft labs to assist in studying for exams. * Linux environment running web servers, databases and configuration management tooling. * Documented. |