|  |  |  |
| --- | --- | --- |
| Adam Bacon  **Automation Engineer** | [adambacon1@hotmail.com](mailto:adambacon1@hotmail.com)  [GitHub Profile](https://github.com/psdevuk) | |
| **Summary**  I'm an automation engineer with a background in administration, systems and web development, identity management and virtualization. I have over twenty years in of experience and can manage small-to-large sized projects, either on my own or as part of a team.  **Technical Skills**  **Infrastructure**  Active Directory, Azure AD, Office 365 Administration Center, Exchange on-premises and online, SQL Server Administration & Development, Hyper-V, VMware, Windows Servers and workstations, SSRS, Backup management, Wireshark, NetScaler, load balancing, high availability and disaster recovery, SolarWinds, Linux, IIS , Isilon, PKI  **Development**  PowerShell, Git, JavaScript, APIs, JSON, C#, GitHub Actions, PowerShell Universal Dashboards, SQL Server Reporting Services Dashboards, T-SQL, CSS, React, React components, Lua, Bash  **Experience**  **Automation Engineer, Contract**  **National Health Service**, March 2022-August 2022  Portsmouth, UK   * Here, I focused on automating regularly-occurring and time-consuming processes, in addition to developing solutions to help simplify SQL Server estate management. * I also designed, developed and documented an automated solution for migrating user accounts from on-premises to Office 365. This reduced the average migration time from several hours per account to seconds per account. * After several requests from web developers to make modifications to the NetScaler load balancer, I developed a self-service app for the web team to safely and easily perform modifications as required.   **Freelancer**, September 2021 - Current   * I contract with organizations and companies to provide support for local, hybrid and cloud infrastructure. * I generally focus on developing automated solutions for Azure, Office 365, Intune, vCenter and more.   **Senior Systems Engineer**  **Pensworth Dairy**, September 2015 – July 2021  Southampton, UK   * As the primary systems engineer, I supported a VMware vSphere enclave with 14 servers and client devices, with over 200 staff members spread over 7 remote sites in the UK. * I also developed database-driven solutions using SQL Server, T-SQL and Excel. I then expanded the project to include Dashboards generated by Reporting Services, which helped management easily determine stock control, sales and other financial information such as VAT that could be claimed.   **Onsite IT Technician**  **Hampshire County Council**, February 2008 – September 2015  Winchester, UK   * As an on-site technician, I supported 11 schools based in Hampshire, covering all aspects of I.T support, including hardware, software and customer support. * Developed an auditing solution which helped the district prepare for a large Windows 7 upgrade.   **Support Technician**  **Affinion International**, May 2007 – February 2008  Portsmouth, UK   * At Affinion International, I supported several financial applications and 300+ workstations located between two data centers.   **Technical Community Activities and Open Source Development**  [**GitHub**](https://github.com/psDevUK/)   * Within nearly 90 repositories, I have shared nearly a million lines of code.   [**PowerShell Gallery**](https://www.PowerShellgallery.com/packages?q=psdevuk)   * I currently have 127 PowerShell modules on the PowerShell Gallery. * Most modules were created for Universal Dashboard, which requires a deep understanding of both PowerShell and React.   **Powershell Blogs**   * I have been writing this Powershell blog since July 2022 on the personal projects I have worked on, develping various types of Powershell modules:- <https://adam-bacon.netlify.app/> * For nearly 2 years I published various blogs on the React components I was converting to Powershell so that they could be used with Powershell Universal Dashboard:- <https://psdevuk.github.io/ud-flix/>   **Speaking Engagements** As a new speaker, I’ve enjoyed a surprising amount of attention from the PowerShell community and have even been invited by Microsoft’s PowerShell team to talk about my modules and about the recent Crescendo modules I have released.   * PowerShell Podcast * PowerShell Southampton User Group * PowerShell Community Call | |  |

**Completed Courses**

**ITIL,** Information Technology Infrastructure Library**,** 2018

**Deploying virtual workstations and servers,** VMware, 2017

**JavaScript**, Learning Tree Training, 2020

**Advanced PowerShell functions**, Microsoft Learning, 2018

**CompTIA Network+**, Udemy, 2015

**Microsoft Azure Fundamentals,** Microsoft Learning, 2021

**SQL Server High Availability and Disaster Recovery**, Microsoft Curriculum, 2015

**Microsoft Power Platform Fundamentals**, Microsoft Learning, 2022

**Advanced Databases and SQL Querying**, Microsoft Curriculum, 2015

**Using GitHub**, GitHub Skills, 2022