**Andrew Puckett**

**Professional Experience**

Motivated and intelligent, I am a person who enjoys all things technology based, a technologist by heart. An enquiring mind, common sense and an excellent worth ethic are some of my qualities along with creativity and natural ability. I take pride in learning, understanding and seeing results. A strong understand of legacy, open, new and emerging technologies and an ability to quickly learn.

**2018 – 2019 Schlumberger UK - Oxfordshire**

* DevOps Engineer
* Defining and building the migration approach from on premises to Azure processing
* Working with GCP platform and APIs, testing and automation
* Rationalising and fixing legacy processes / configuration
* Coding and fixing JSON configuration, CMD, PowerShell, Python and C# components
* Working with repositories and artefacts in VSTS/MTFS, Azure DevOps, Git, NPM and Perforce
* Deploying VMs on SCCM and resolving related issues
* Deploying VSTS agents, Azure agents and Team City agents

**2006 - 2018 Visa Europe (now Visa Inc.) - London & Reading, UK**

* Specialist Contractor, for the VISA Europe Authorisation Service
* QA; Functional/Non-functional Testing, OAT, BAT, UAT, Performance Testing
* Writing Test Plans, Test Cases and working Agile
* Deep diving complex issues and performing root cause analysis
* Analysing change and issues with regards to cost and risk vs opportunity and benefit
* Developing and tuning MS SQL machines and databases
* Managing UNIX boxes and assisting development as needed such as UNIX shell scripts
* Managing Windows machines and assisting as needed such as network configuration
* Automating legacy and new processes
* Driving continual improvement

**2003 – 2006 TNS (Transaction Network Services) - Hertfordshire, UK**

* Technical Support & Development Team Leader/Manager
* 24x7 Support owner for all systems; databases, financial processing and settlement
* Mentoring others and ensuring ongoing development of team
* System & Service ownership, management and automation
* Quotation and estimation of compliance and user requested change
* Supplier and customer relationship management
* Crisis management and recovery

**1997 - 2003 CR2 UK Ltd - London, UK**

(Previously - Fund Switching Technologies Ltd, “Interlink”)

* Technical Architect, altering existing systems and defining new solutions
* Quotation, installation, configuration, certification and release of software across a programme of change taking months and involving installations in many counties.
* Working within the corporates area dealing with Standard Chartered Bank, ANZ Bank, Barclays Bank and Standard/Stanbic Bank South Africa
* Principle Consultant for the Standard Chartered Bank MESA; Middle East & South Asia and EMM: Emerging Market Module
* Working with customers autonomously in Brunei, Ghana, SA, Zambia, Qatar and Bahrain
* Designing and writing code on UNIX systems utilising ANSI C, Shell, Java, Perl and Python
* Designing and writing code on Windows systems utilising MSDN, VC++, Pascal and CMD
* Using PVCS, CVS and SCCS for source control

**Education**

**1993 – 1996 University of Tasmania, AUS**

* Bachelor of Computer Engineering, 4 Year Full Time Degree
* Institute of Electronic and Electrical Engineers Accredited (IEEE)
* Graduates from department voted most employable in Australia

**1991 – 1992 St Virgil’s College - Tasmania, AUS**

* Graduating in the top 1% nationally (‘Australian A-levels’)
* A\*\* result in the Australian equivalent of A level mathematics

**Technical Expertise**

**Automation, CI & CD**

* Azure DevOps
* VSTS
* TeamCity
* Jenkins
* Control-M

**Operating Systems & Environments**

* UNIX; Solaris, AIX (Admin)
* BSD UNIX (Admin)
* Linux (Admin)
* Windows Server (Admin)
* Cygwin and Gnu Tools
* z/OS, TPF, MVS
* Virtualisation; Zones, Docker, Kubernetes
* Cloud Computing; GCP, AWS, Azure

**Databases / Middleware / Connectivity**

* Oracle
* DB2
* Ctree (Admin)
* MySQL / MariaDB
* Solr / Lucene
* Kafka
* IBM MQ Series (Admin)
* IBM Integration Bus
* Connect Direct
* FTP / SFTP / Telnet / SSH
* IBM WebSphere Application Server
* JBoss
* Glassfish

**Languages**

* PowerShell
* Bash, Ksh
* C#, Java, R
* JavaScript / JSON
* TSQL, SQL, PHP
* Python, Perl, C

**Version Control**

* PVCS
* SCCS
* CVS
* Perforce
* GIT
* ClearCase

**Monitoring**

* Tivoli Monitoring
* Splunk

**Code Analysis**

* SonarQube
* Checkmarx
* Cppcheck
* Coverity
* Fortify
* ReSharper
* PyLint
* Lint
* CheckStyle
* FindBugs
* Compiler flags

**Test Software**

* IBM Rational Function Tester
* Quick Test Professional / Unified Functional Test
* Test Complete
* Cucumber
* Selenium
* Load Runner
* JMeter
* Junit

**Process and Quality Management**

* Quality Centre ALM
* Jira & Confluence
* Remedy

**Build Scripting**

* Ant
* Cmake
* GNU Make
* Maven
* MS Build
* Clearmake

**IDE & Editors**

* Visual Studio
* Visual Studio Code
* Eclipse / NetBeans / IntelliJ IDEA
* PyCharm
* UltraEdit
* VI / VIM
* Xedit

**Big Data**

* Abinitio
* Hadoop
* Apache Spark & Storm

**Related Tooling & Technology**

* MQ Explorer
* IBM MQ Clients
* IBM Integration Explorer
* PuTTY / PuTTY Session Manager
* Open SSH / Cluster SSH
* X Window System / X11 / Xming / CygwinX
* Extra! X-treme / TN3270
* FileZilla / WinSCP
* TCP / IP / UDP / DNS / ARP / SMTP / SNTP / Networks
* DB2 Client / DB Visualizer / Toad / SQL Server Mgmt. Studio

**Related Interests**

* DevOps, Development and Production Operation
* Hadoop, large dataset processing
* Secure systems and operating system
* Computer languages, types and appropriate uses
* Writing secure safe code and proving techniques
* Fuzzing along with other static and dynamic verification
* Protocols, their implementations and limitations
* Virtualisation, layers and techniques
* Network, firewalls, traffic routing
* High performance computing
* Code, system performance and optimisation