Jason Bellis

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An accomplished IT veteran, with extensive background in software development and operations. A skilled generalist in Azure cloud, DevOps, systems integration, automated deployments, and application monitoring.

A systematic and methodical problem solver, with proven aptitude for troubleshooting complex systems. Committed to improving performance, reliability, and efficiency in IT development & operations. Very adept at applying automation to streamline or eliminate repetitive tasks.

Areas of Expertise

- Azure Cloud, Azure DevOps, GitHub Actions
- Infrastructure as Code
- CI/CD pipelines, deployment automation
- Observability, monitoring & alerting
- Automated problem detection, auto-repair

- Systems integration & ETL tools
- DevSecOps, security best practices
- ITIL incident & change management
- Disaster Recovery Planning
- Systems Analysis, requirements definition

Tools, Platforms & Languages

- Python, C#, ASP.NET, JavaScript, C
- Terraform, Azure ARM templates, Azure CLI
- Azure Kubernetes Service
- Snowflake, Databricks
- Apache Airflow
- PowerShell, bash scripts

- Azure Data Factory, Dell Boomi
- SQL, mySQL, MongoDB, PostgreSQL, Oracle
- JIRA, ServiceNow, Confluence
- Elastic Cloud
- Azure Monitor, App Insights, Dynatrace
- Salesforce.com, Apex, SOQL, Visualforce

Employment History

Veritas Data Research – Solutions Architect & Dev Team Lead   (contract) Nov 2022 - present

- Designed and built modern, dependable cloud-native apps to align with strategic business goals
- Led a team of developers and testers to deliver custom products and solutions
- Modernized & containerized the entire software portfolio to properly leverage cloud elasticity
- Substantially reduced database + VM costs, improving system reliability and efficiency
- Migrated all in-house software to a managed Azure Kubernetes Service with Azure Cosmos DB
- Implemented Apache Airflow to orchestrate weekly product operations, and run data pipelines
- Built CI/CD workflows to automate deployments by publishing docker images to ACR
- Functioned as QA Lead, Infrastructure Engineer, Data Engineer, DBA, Scrum Master & PM (small startup)

WorkSafeBC – Lead Site Reliability Engineer   (contract) Jan 2020 - Nov 2022

- Led a team of SRE's to grow and refine WorkSafeBC's observability practice
- Achieved very high levels of performance and availability for a large software portfolio
- Established consistent monitoring & alerting practices in Azure cloud
- Reduced severity 1 & 2 help desk incidents by more than 80%
- Substantially improved time to detect & time to resolve for adverse events (MTTD/MTTR)
- Measurably improved product quality and reliability

Ritchie Bros Auctioneers – Senior Systems Integrator   (contract) Aug 2013 - Jan 2020

- Supported several hundred users in five Salesforce orgs across different lines of business
- Resolved many complex issues in Salesforce and its integrated systems
- Steered change management practices, developed CI/CD automation tooling
- Developed an automated system to detect errors and create ServiceNow incidents
- Used automation to automatically apply fixes or workarounds, auto-resolving some incidents
- Maintained system health, optimized system performance, deployed custom software

WorkSafeBC – Senior Technical Specialist   (contract) Nov 1999 - Aug 2013

- Applied many technical solutions to facilitate the software delivery life cycle
- Measurably improved product quality resulting in fewer production failures
- Automated software deployments, established change management best practices
- Mentored Dev & QA teams towards improving software quality

Microsoft – Software Test Engineer   (contract) Nov 1998 - Nov 1999

- Developed test automation and generated concise bug reports
- Worked with developers to debug functional defects in Microsoft Windows OS

Education & Certifications

- Microsoft Certified Azure Developer Associate AZ-204   (Jan 2021)
- Microsoft Certified Azure Administrator AZ-104   (Dec 2020)
- Salesforce Certified Platform App Builder   (Dec 2019)
- Salesforce Certified Administrator   (Dec 2019)
- Microsoft Certified Professional - Windows NT 4.0   (1998)
- Telecommunications Technician Diploma - BCIT   (1996)

Interests

Drums, piano, bass guitar, e-biking, snowboarding, and motorcycling.
Podcasts on technology, health, infosec, science & all things related to space exploration.

September 23, 2023

<u>Re: Recommendation for Jason Bellis</u>

Dear Colleague:

I am delighted to offer an enthusiastic recommendation for Jason Bellis, who served as our technology team leader and lead solutions architect at Veritas Data Research. Jason's remarkable contributions have had a profound impact on our product, processes, and team during his tenure from November 2022 to September 2023.

Context
As the Principal Solutions Architect, Jason played a pivotal role, aligning closely with our engineering, product, and project management functions. He joined us to spearhead the architecture redesign, build a replacement system, and successfully implement it, all while maintaining support for an intermittently failing production system. Notably, when our project manager had to take medical leave early in Jason's tenure, he stepped in seamlessly, guiding a new project manager and product lead while ensuring the continuity of production processes and the progress of new development efforts. Nearly a year later, I can confidently affirm that Jason's contributions have been nothing short of exceptional. The new architecture stands robust, key components are in place, and ongoing operations are streamlined and efficient.

Key Skills and Capabilities
Jason possesses extensive expertise in various Information Technology (IT) domains, including Azure Cloud, DevOps, Job Orchestration and Automation, System Integration, and Database Development.

<u>Azure Cloud</u>: His deep understanding of Azure services and Continuous Integration and Continuous Deployment (CI/CD) pipelines led to significant operational efficiency improvements and substantial cost savings.

<u>DevOps and Automation</u>: Jason's commitment to automation and process optimization has greatly enhanced our workflows, leveraging tools like GitHub Actions and Apache Airflow to achieve our goals.

<u>Leadership and Project Management</u>: Jason not only led a team of developers but also managed crucial external stakeholder relationships essential for establishing a certified API process.

<u>Multi-Faceted Capabilities</u>: His role encompassed diverse responsibilities, from Cloud Infrastructure Engineer to Scrum Master and Software Engineer.

<u>Problem-Solving and Troubleshooting</u>: Jason's methodical problem-solving approach proved invaluable in resolving complex issues efficiently.

In conclusion, it is with regret that we had to dissolve our business relationship with the primary contractor for whom Jason was a subcontractor. Without this unfortunate circumstance, Jason would undoubtedly remain a vital and integral part of our engineering team and leadership.

Jason's unwavering dedication and strong work ethic make him a highly dependable colleague. His consistent willingness to go above and beyond ensured project success in a timely and cost-efficient manner.

Please feel free to contact me at shahir@veritasdataresearch.com or +1.215.300.1569 if you require further details or have any questions regarding Jason's exceptional contributions during his time at Veritas Data Research.

Respectfully,

Shahir Kassam-Adams
Founder, Veritas Data Research