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| Alan Jackson  Cloud Solutions Architect and Software Developer with over 20 years of experience leading teams, designing, and implementing solutions to solve business problems. Experienced with the oil & gas and photography industries. Primarily used the Microsoft .NET ecosystem and Microsoft Azure Cloud. | 3607 Concordance Dr  Spring, TX 77386  **(817) 751-9957**  [**alandjackson@gmail.com**](mailto:alandjackson@gmail.com) |
| EXPERIENCEExxonMobil, Houston, TX — Cloud Architect2020 - PRESENT Consulted with upstream business groups to design and architect solutions to challenging business problems. Built reference implementations to demonstrate usage of new technologies (mostly in Microsoft Azure). Examples include IOT telemetry streaming, securing web apps and apis, modern auth, and application resource/network topologies. Also worked with the cloud service team to implement secure policies. ExxonMobil, Houston, TX — Dynamics and Power Platform Architect2018 - 2020 **Note: XTO Energy was purchased by ExxonMobil in 2010 and run as a subsidiary. Operations were moved from Fort Worth to Houston in the summer of 2018.**  Designed, architected, and implemented ExxonMobil’s first instance of the Microsoft Dynamics / Power Platform and grew the platform to several hundred users and over a dozen instances.  Dynamics Field service was implemented to maintain oil field equipment and surveillance. Power Platform applications were designed and implemented to digitize a variety of field workflows (permits, well reviews, meter installs, etc.). I was responsible for implementing development practices, data models, integration systems, platform administration procedures, licensing, controls, and monitoring. The platform replaced several legacy and paper based workflows, resulting in significant labor and license cost savings. XTO Energy, Fort Worth, TX — Application Development Manager2014 - 2018 Staffed and managed a team of between 10 and 15 software developers, working on small and medium sized line of business applications. Converted team to use agile ceremonies (scrum / stand up, sprint planning, retrospectives) and processes (release small increments often, people and communication over processes). Maintained a portfolio of over 50 applications, mostly written in c# / asp.net with APIs and SQL backends. XTO Energy, Fort Worth, TX — Senior Software Engineer2009 - 2014 Developed dozens of line of business applications. Most applications were web apps with a Microsoft SQL backend, but other types of applications were API services, desktop applications, and data integration jobs. Applications mostly digitized manual workflows for departments such as HR, Reserves, Land, and Accounting. Most projects were single or 2 team developer projects, so I was responsible for the full stack of development and gathering requirements, development, user testing, deployment, and support.  Was the technical track lead for a 3 million dollar identity management project that involved multiple websites and dozens of data integrations. PhotoLynx, Ramona, CA — Lead Software Engineer2003 - 2009 Head of software development for a small software company that provides software solutions for the independent school photography industry.  Created, maintained, and supported a suite of desktop applications that supported data driven digital workflows for school photography (capture, image adjustment, data entry, image rendering and printing, green screen, etc).  Applications were written in VB6, C++ (COM), C#, WinForms, and WPF. Most applications used an Access or SQL CE back end. Supported legacy applications and created a plug in system to develop new features on old applications. University of California Riverside, Riverside, CA — Linux and Windows Systems Administrator2000 - 2003 Maintained and developed the IT infrastructure for the UCR computer science department, including public computer labs, research labs, staff and faculty computers, and a server farm providing network services (Web, Mail, DNS, Windows Domains, NAS, etc.).  Developed and deployed/supported a disk based backup system with a restore web front end in PERL. Developed a one step lab installation method for deploying lab computers using Linux Mandrake and virtualized Windows under VMware. EDUCATIONUniversity of California Riverside, Riverside, CA — *B.S. Computer Science and Engineering*1998-2002 3.5 overall GPA  Coursework in simulation, graphics, operating systems, networks, compilers, and algorithms.  Also completed graduate courses in data structures, graphics, and networking along with graduate research in the area of simulating physical properties of water and bubbles. REFERENCES Contact info provided upon request. Jordan Bean — Systems Administrator <https://www.linkedin.com/in/jordan-bean/> John Rowan — Data Architect at ExxonMobil <https://www.linkedin.com/in/john-rowan-43b13bb/> Jim Boud — Senior Azure Data Architect at Cognizant <https://www.linkedin.com/in/jim-boud-0565a91/> | SKILLS  * Azure Cloud Architecture * Dynamics 365 * Power Platform * .NET, .NET Core, * HTML, CSS * C#, JavaScript * MVC, Razor * ADO, CI/CD, DevOps, IaC * Javascript, Angular, React * ASP.NET, ASP.NET Core * WinForms, WPF * PowerShell, BASH * SSRS, Power BI * SQL/RDBMS * NoSQL, CosmosDB * Data Integration * Data Modeling * Virtualization * Agile Coach * Full Stack Development |