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|  Alan Byrn |
|  Full Stack Developer Analyst |
| About­Experienced Full-stack Developer with a demonstrated history of integrating, creating and maintaining web applications over the last 14 years. A developer with a proven record of adopting new solutions into projects with challenging problems in multiple business sectors. Currently seeking an opportunity to use my advanced skills and training to contribute to challenging new software projects.ExperienceECT Technologies LLC, Broomfield, CO 2005 - Present  **Full-stack Developer / Lead Developer (Remote) 2013 - Present*** Develops machine learning and serverless architecture for text analysis product, used by Fortune 500 Firms (Bristol-Myers-Squibb and AstraZeneca). Technology: R, C#, Azure ML Studio, Azure Functions, Azure SQL Data Service, Azure Web Service, D3.js.
* Develops single page web/mobile application to collect field intelligence for global teams at Fortune 500 Pharmaceutical Firms (Bristol-Myers-Squibb, Janssen Pharmaceuticals). Application allows global users to [enter/upload](https://www.cibica.co) and [analyze intelligence](https://analysis.cibica.co) data from any device. Technology: JavaScript UI utilizing jQuery, backbone.js, require.js, and D3.js. Server REST endpoints written in C# using Web API. Data stored in Azure SQL Data Service.
* Develops code and procedure to automate the usage of Azure VMs for batch billings using Azure functions, Azure SQL Data Service and PowerShell.
* Develops and updates promotional site for product [Rapid Response Insights](http://rapidresponseinsights.com/). Technology: Vue.js, HTML, JavaScript, CSS, C#, Azure Functions.

  **Software Product Manager / Web Developer (Remote) 2009 - 2013*** Ported all managed clients and internal applications from managed IIS and SQL server to Azure app and SQL data services, stream-lining deployment process.
* Provided server monitoring, development, and automation for 4 products with a combined user count of over 10 thousand and SQL record counts in the millions.
* Conversion and maintenance of ASP.net application that automates online [Parish Giving](https://www.parish-giving.org/) to single page web/mobile application for John Patrick Publishing. Site allows parishes to offer customized online giving to parishioners. Technology: JavaScript UI utilizing require.js and kendo UI components. Server REST endpoints written in C# using Web API. Business Layer written in vb.net. Data stored in SQL Server.
* Developed a Windows system tray application to manage updates to the resident application, server communication, data transmission and local component release.
 | Personal Info**Web Portfolio:** alanbyrn.com**Address:** Kearney, NE**Email:** arbyrn@outlook.com**LinkedIn:** [linkedin.com/in/alan-byrn](http://www.linkedin.com/in/alan-byrn)**GitHub:** [github.com/arbyrn](http://www.github.com/arbyrn)Tech ProficiencyLanguages C#, JavaScript, SQL, T-SQL, PowerShell, Node.jsFrameworks and ToolsetsjQuery, Backbone, Bootstrap, Require, D3, Vue.js, AngularJS, Webpack, NPM, UnderscoreWeb TechnologiesASP.Net Core, ASP.Net, HTML, CSS, SCSS, XML, Web API, REST, Azure Functions, Azure Webservices, Web Assembly (C#).Azure ExperienceConfigure and manage VMs, configuring and deploying apps and data services, build and deploy app functions, build and deploy Azure ML solutions.Dev Environments and ToolsVisual Studio, VS Code, Eclipse, Atom,RStudio, GIT, GitHub, Bitbucket, Visual Studio Online (TFS), Azure DevOps, Slack, MakeCodeDB SystemsMS SQL Server, Azure SQL Server, Redis, MongoDB, SQLite, Azure Storage, Local Storage, SQL Server Management StudioMachine LearningAzure ML Studio, R, RStudio, ML.Net, TF-IDF |
|  **Data Operations Manager / Developer 2005 - 2009*** Maintained and monitored a global CRM system for Bristol Myers Squibb.
* Developed updates, fixes and internal software tools for CRM system for Bristol Myers Squibb. Including the monitoring and maintenance of 10 Servers running backend code in VB6. Technology: VB6, VBA, MS Access, MS Outlook, MS Excel, VB.Net, SQL Server, MS Server.
* Received several commendations from clients regarding customer support.

Fasse Valves, Kearney NE 1999 – 2005  **Hydraulic electric assembler 1999 – 2005*** Assembled hydraulic components per spec.
* Assembled electrical components (controls, joysticks and wiring harnesses).

Volunteer* Coaching little league baseball and softball.
 | EducationBS in Computer Information Systems minor in TelecommunicationsUniversity of Nebraska, Kearney NE1999 - 2004 |