

RAY ASHBY

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Summary

Experienced professional with a proven ability to propose and implement creative uses of information technology for business needs. Hands-on development experience. Ability to use my previous experience to rapidly come up to speed in new environments. Leadership experience in application development, support and operations. Project management experience with large scale system implementations. Broad practical knowledge of information technologies. Management background in application development and infrastructure. Experience working with geographically dispersed teams.

Professional Experience

NTT Data, Remote Work

Apr 2014 – Jan 2023

Sr .NET Developer

Various projects using Sitecore CMS, Ektron CMS, InSite Commerce, AWS and Azure. Working remotely, fulfilled various in a large variety of projects with multiple technologies.

- Added complex new customer approval process to a Sitecore based ecommerce application. Interface to DocuSign to obtain electronic signatures. Interface to ERP to update account info.
- As part of an ERP migration to Microsoft Dynamics, added and modified SOAP and JSON web service interfaces on client and server side.
- Modified interfaces to support a Sitecore migration to AWS cloud.
- Assisted infrastructure team with AWS setup and support.
- Migrated Sitecore webform UI to a responsive design.
- Set up multiple deployment environments using Team City, TFS, Visual Studio, Octopus and other tools.
- Worked with development team and client stakeholders to define and design a migration of a .NET ecommerce application in InSite Commerce.
- Application development and support of a large Ektron based site. Improved caching and CDN utilization. Developed multiple UI improvements from client specifications.
- Application developer on a project to deploy a major corporate website on Sitecore.
- Multiple small Sitecore support projects, developing new UI components and interfaces.

PCSI, Philadelphia, PA

Nov 2013 – Mar 2014

Application Support

Support process manufacturing applications in a refinery. Develop and maintain .NET applications in C# and VB.NET as required. Maintain and administer SQL Server environment. Support diverse user community.

- Add features to .NET web forms applications for new requirements.
- Refine specifications and develop new .NET web form application utilizing C# and SQL Server.
- Provide technical support for off the shelf applications system upgrade project.

iCST, Wilmington, Delaware

2013 – Nov 2013

Application Developer (Lead)

Development and support of a customer facing web application in ASP. Net C# for a financial industry client. Work with a team of in-house and offshore development staff.

- Technical team lead.
- Successful deployment of new product releases.
- Design and build SOA interfaces.
- Design and build batch transaction processors.
- Design and build ASP. Net web forms.
- Develop team processes for source control, change management and the development process.
- Assist production support in troubleshooting activities.
- Produce system design documentation for new development.

NCI Information Systems, Aberdeen, Maryland

2011 - 2012

Sr Software Engineer (Team Lead)

Develop web applications in ColdFusion and C#.net. Provide support to a variety of user groups. Assist with development of test plans and deployment planning. Provide first level system admin support of web and database servers. Provide technical advice for Knowledge Management effort.

- Worked with other .NET developers to create a standard Visual Studio template for the MVC3 framework. This was the basis of a standardization effort for new code development.
- Provided DBA support for SQL Server 2008 R2.
- Monitored and managed IIS 7 servers running on Windows 2008.
- Administered Jira issue tracking and Subversion source control systems.

W. L. Gore & Associates, Newark, Delaware

2008 - 2011

Application Software Developer

Developed applications for manufacturing and engineering support. Development for new applications is primarily VB.Net. Provided application support to a diverse user community.

- Implemented multiple systems to pass transactions from shop floor systems to ERP systems. Developed web services and client side application code.
- Developed and integrated data collection systems for manufacturing processes.
- Developed a Windows service to poll data from an environmental control system and integrate into Wonderware database. This was a .NET project.
- Developed data collection and management processes for engineering group. Assisted with designing queries and developing end-user understanding of the data capabilities.
- Supported legacy applications in VB6, Access, Wonderware. This included writing VB6 code; Wonderware scripting and Wonderware screen designs.
- Developed and began execution of an implementation plan for MES migration to Camstar MES. Camstar is a .NET based manufacturing system with an ASP.NET user interface.

MEDTRONIC, Tempe, Arizona

1995 - 2007

Senior Principal Software Engineer (2004 – 2007)

Developed Business Intelligence capabilities for the Tempe Manufacturing campus. Worked with global teams to coordinate BI and Knowledge Management initiatives. Implemented processes to improve the results of application development projects.

- Led a team to review reporting and Business Intelligence initiatives across the US, Puerto Rico and Switzerland. Proposed several initiatives to coordinate these efforts. Developed processes to document and utilize best practices. Created a summary for management of the various BI and Knowledge Management efforts and statuses.
- Started a subsequent team to implement a joint global reporting system for manufacturing operations. Implemented Business Objects, Informatica ETL for a data warehouse and a pilot group of reports in just 6 weeks from project start.
- Implemented a text analytics server and alerting system for the product development group. This system, based on InXight Awareness Server, allowed custom searches and entity extraction from internal and external text sources, with the intent of providing leading edge awareness of medical device trends.

Senior Information Technology Manager (2001 – 2004)

Manufacturing application support and development efforts for Tempe campus. Managed ten direct reports. Maintained existing PROMIS MES (Manufacturing Execution System) application. Planned for eventual migration to new technology factoryWorks application. Directed web applications group in developing and supporting internal web-based applications,

primarily with Cold Fusion.

- Project manager for the successful implementation of factoryWorks MES in a new manufacturing facility. Led a cross functional project team of 20 consisting of IT, manufacturing process engineers and QA. Met a very aggressive schedule and brought up the system on time to support the line startup.
- In parallel to the factoryWorks implementation we also converted local purchasing applications and inventory to JD Edwards OneWorld. My team developed real-time interfaces from the factory floor systems to the inventory management and financial systems in JDEdwards.
- Led a team to review and improve Disaster Recovery Practices.

Senior Principal Software Engineer (1995 – 2001)

Created and supported applications for the Purchasing, Human Resources and Finance groups. Developed web applications for internal customer access to these areas. Development and management of internal web architecture.

- Implemented the i2 Factory Planner module for factory floor resource planning in the hybrid manufacturing and semiconductor areas. Created interfaces to multiple data sources to support the planning model. Developed web-based reporting and MRP outputs. Worked with multiple planning groups to train them in the software capabilities and optimize the planning process.
- Created a web-based self-service front end for a much-maligned mainframe style inventory system. Consequently, the internal customers began using the system rather than going around it. This allowed the purchasing department to focus on higher value procurement and vendor interactions.
- Conversion of financial applications to JD Edwards. Developed conversion routines. Help finance and purchasing groups map data and processes from old systems. Designed and developed overnight batch interfaces from JDE to local systems.

CEMEX USA, Phoenix, Arizona

1989 - 1995

Manager of Information Technology

Managed 7 person IT staff supporting concrete delivery and cement import operations in Arizona. Complete responsibility for statewide data, voice and mobile radio-based communications.

- Implemented new sales order and delivery system, including mobile truck tracking. This replaced a limited custom system running on obsolete hardware. The system resulted in a much-improved delivery operation and availability of customer data for the sales department. Truck tracking functionality increased asset utilization and improved customer service.
- Converted financial applications to JD Edwards.
- Worked with staff in Mexico to develop filings with US Commerce department in response to import pricing inquiries. Response was critical to maintaining the profitability of the cement import operations.

Education

Arizona State University, Tempe, Arizona
Bachelor of Arts in Mathematics

Graduate Certificate in Applied Statistics, Penn State

Specific Technologies

Languages	C#, Visual Basic, HTML, JavaScript, PERL, .Net , SQL, VB.NET
Applications	JDEdwards, Peoplesoft, PROMIS, factoryWorks, Oracle, SQL Server, Business Objects, Informatica, Rational Clear Case, Microsoft Office, Apache, SharePoint, Wonderware, JMP, Camstar, Sharepoint, SAS, Mintab, Subversion, TOAD, Jira, Autocad, HP Quality Center, AspenTech, Team City, MS project, TFS, Docusign, Sitecore, Coveo, Endeca, Git
Processes, methodologies, etc	ITIL, SDLC, Lean Sigma, Six Sigma, Rational UCM, FDA software requirements, CMMI, PMP training. Sarbanes-Oxley, Security+, SCRUM, Agile
Certifications	Sitecore 7.2, Microsoft MSCE Cloud Platform and Infrastructure