Jeff Windsor

PRAGMATIC · EXPERIENCED · POLYGLOT · STUDENT OF ALL THINGS

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A highly motivated, passionate and strategically minded technologist with extensive experience in software development who has successfully managed, designed and developed a long line of customer facing and strategic enterprise applications.

WORK EXPERIENCE

Alliance Data Systems / CJ Affiliates

Senior Software Engineer

2018-07-01 - Present

https://www.alliancedata.com/

Vitalware

Lead Architect

2017-07-01 - 2018-03-01

https://www.alliancedata.com/

Vital provides mid-stream revenue software solutions for the health care industry.

- Re-architected the main Charge Description Master (CDM) product
- Led development of a Customer Integration (CI) product that completed suite of Software as a Service (SaaS) offerings
- Established the Service Oriented Architecture (SOA)/micro-service architecture.
- Developed, enhanced, simplified and improved Payment, Registration and Loan Verification software services
- Restructured, reorganized, led and managed Development Teams
- Established an efficient software development life cycle (SDLC) with processes
- CJ Affiliates >> Epsilon: https://us.epsilon.com/ >> ADS: https://www.alliancedata.com/

Idaho National Laboratory

Enterprise Business Architect

2016-12-01 - 2017-07-01

https://www.inl.gov/

The INL, a division of the U.S. Department of Energy's (DOE) complex of National Laboratories, and is the National Center for nuclear energy research and development. INL Laboratory performed work in each of the strategic goal areas of the DOE: energy, national security, science and environment.

- Led the process and cultural change required by the Enterprise Software Directorate to meet the growing set of responsibilities while lowering execution cost.
- Worked with CIO and Directors to define a more efficient and friction-free organization structure.
- Actively recruited and trained Technical and Process Evangelists Teams. These Teams owned and championed changes across the enterprise at the team level.
- Redefined incentives to align with Lab and Directorate goals.
- Organized and mentored Teams that implemented modern software delivery tools alongside process changes.
- Facilitated and promoted increased inter-team cooperation.
- Communicated early and often with the Change Management Group and Training Centers to raise the long-term success of these initiatives.

Nelnet Diversified Solutions

Architect and Senior Developer

2016-12-01 - 2015-12-01

Nelnet, the #2 student loan provider in the US, led the design and development of modernization initiatives with the goal of lowering the overall time to market and cost of software delivery. Project required a Department of Education Security Clearance.

- Led efforts to consolidate and modernize current back-end services
- Established SOA architecture that connected to universal Enterprise Service Bus (ESB).
- Developed, enhanced, simplified and improved Payment, Registration and Loan Verification software services
- Advised and led the design of modern low cost, high throughput, auditable, and reliable set of software delivery life cycle (SDLC) processes.
- Actively recruited internal Architects to champion the use of reliable messaging and secure APIs.
- Eased the process burden experienced with modern software delivery tools with a clear migration path from current tool sets.
- Communicated early and often with Change Management Group and Training Centers which increased long-term success of these initiatives. Held Active Secret Government Clearance because of the sensitive military and personal information (PI) involved with these initiatives.

Zantler

Lead Architect and Senior Developer

2013-10-01 - 2015-12-01

Joined startup at a crucial pivot point; the previous market had evaporated and company was experiencing terminal scalability and security issues with the newly revamped platform.

- Defined a new direction and market.
- Established a small distributed, highly talented IT Team that delivered a new technology direction in a very short period of time.
- Choose and implemented the most appropriate technologies, methodologies, processes and tools aligned with strategic goals laid out by the Board of Directors.
- Worked with the Team to design, plan and implement the new product. Acted as Senior Developer focused on shared components.

Sunguard Consulting Services @ Integrys Energy

Senior Software Engineer and Architect

2012-03-01 - 2013-10-01

https://capco.com/

Further expanded the geographical and departmental reach of the data validation, forecasting and pricing applications to new subsidiaries

DIY Media / Zantler

Senior Software Engineer and Architect

2011-03-01 - 2012-03-01

Implementing payment/financials infrastructure and cloud based delivery of digital content. Amazon Web Services, Paypal (for Europe and South America) and CCAvenue integration for India. It was crucial the payment mechanisms be scalable, highly available and accurate, while providing an easy sometimes one click payment experience.

Sunguard Consulting Services @ Integrys Energy

Senior Software Engineer

2011-03-01 - 2007-03-01

https://capco.com/

Architect, Design and develop a retail energy pricing application. Improved per unit processing time from 10s seconds to 100ths of seconds. Implemented a Electric Pricing and Pattern Matching DSL for Excel like user formulas. Architected and

helped implement a service oriented architecture for the following functions in C# 3.5: costing, forecasting, hedging, data validation, and request validation.

Digital Soldiers

Senior Software Developer and Information Architect

2006-04-01 - 2007-03-01

Provided architectural guidance, design and development support to the Financial Systems Division. Responsibilities: Application design and development, Methodology facilitation and coaching, Business modeling for multiple applications, services and databases.

SunGard Consulting Services @ BP NAGP

Information Architect

2005-04-01 - 2006-03-01

Provided business analysis and technical design for a range of projects at BP's North American Gas & Power division. Projects: Sarbanes-Oxley compliance and internal best practices for NAGP's critical processes and information structures. Responsibilities: Requirements gathering, Business modeling, Software analysis and design.

Digital Soldiers

Senior Software Developer

2002-04-01 - 2005-03-01

Sungard Consulting Services / EnForm

Consulting Manager

2000-04-01 - 2002-03-01

Lyondell Petrochemical

Senior Lead

1999-12-01 - 1994-03-01

EDUCATION

Rice University

Finance

MBA

1996-08-01 - 1999-05-01

Texas A&M University

Genetics

BS

1988-08-01 - 1992-05-01

SKILLS

Development

- Haskell
- Purescript
- C#
- F#
- Javascript
- Python
- TSQL
- PLSQL
- MongoDB
- Git

Cloud

- AWS Compute
- AWS Network and Content Delivery
- AWS Storage
- Azure Compute Services
- Azure Pipelines
- Azure Service Bus

Architectures, Systems and Stacks

- Messaging Architectures
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- GraphQL
- Restful Apis

Process

- Agile
- Scrum
- Lean
- Kanban

Dev Ops

- AWS Code Pipeline and Deploy
- Jenkins
- Octopus
- TeamCity

Specialties

- Energy Markets
- BioInformatics
- Finance
- Oil, Gas and Petrochemicals Markets
- Commodity Trading

LANGUAGES

English

Native speaker

REFERENCES

Jeff is the consummate professional. He has the unique ability to listen and understand what a specific set of objectives and business needs are, concisely organize these thoughts, apply them to his in depth technical understanding, and produce a comprehensive solution that he then presents in understandable terms to his audience. This is a very impressive skill, to say the least, when dealing with a diverse group of business and technical disciplines. His personality is a well rounded addition to any group and his contributions can be concise and to the point or illustrative in times that require it. I would gladly work with Jeff again on future strategic projects.

— James Lively, Director Enterprise Software and Development at Idaho National Laboratory

I had the pleasure of working with Jeff for about a year. He bridges the worlds of technology and business as well as any one with whom I've ever worked. Jeff has a keen mind for building technology, working with a team and contributing to the vision of a company. I hope that one day we work together again.

— David Robb, President and COO at Gaston Capital Partners

To say that Jeff Windsor is talented is a tremendous understatement. We worked together early in our careers at Lyondell and I was very fortunate to have found myself associated with a person of his professional character at that time. Without exaggeration, his intellect is amongst the most elite I have ever encountered. Jeff's ability to grasp new technology and incorporate it into a business enterprise is extraordinary. Working with Jeff was a great experience, counting him as a friend is a true honor.

— Chad LaBerge, Independent Securities Trader @ SaddleRing Investments

Jeff is one of the most talented individuals with whom I've had the honor to work and learn. He was crucial to getting several applications and processes in place, and personally took the time to give me direction and information when I needed it. He is an exceptional and dedicated person, a rare kind of developer and professional.

— Erica Janine Henson