

# Jon Fedyk

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## Qualifications

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### Management and Leadership

As a Solutions Designer I currently manage and oversee projects, mentor team members and provide technical leadership to the company. I bring innovative, modern management ideas to IT, including Kanban, DevOps and continuous improvement practices along with a business focus strategy for IT.

I have held leadership positions a number of times in my career:

- Acting Supervisor, Wintel Team, Co-operators Life (9 months).
- Team Lead, IT Procurement, SaskPower (1 year).
- Team Lead, Software QA, ISM-BC, (1 year).

### Operations and System Administration

I have worked with a wide variety of platforms and systems, including Windows and Linux. In over 10 years of experience in Operations and System Administration, I have:

- Proposed the adoption of new techniques to manage work-in-progress to speed delivery to the business while maintaining a stable environment.
- Transitioned the company to the Cisco UCS platform to save 40% in capital costs and 50% in hardware management labour.
- Adopted the VMware platform and achieved 85%+ virtualized to accommodate explosive growth and acquisitions by the business that could not have been accommodated otherwise.
- Implemented File Transfer Services to consolidate all legacy internal and external file transfers under a single service, reducing after hour call outs.

### Development

I started coding in grade school in BASIC, learning other languages later in life, to the Python/Django stack I prefer today. I am an intermediate developer with an understanding of the development process and challenges. I believe in:

- Agile development, automated testing, continuous integration.
- Managing work-in-progress to improve throughput.
- Distributed version control (Git, Mercurial).
- Automated deployment and provisioning processes.
- Coding standards (like PEP 8).
- Paying down technical debt.
- Using the right tool for the job.
- Thinking about performance, security, maintainability, metrics and monitoring during the development process.

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## Core Expertise

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- **VMware** — design and architecture, networking, SAN/storage, provisioning and High Availability of VMware ESXi, vCenter, vCloud Suite and related technologies
- **Infrastructure and Applications** — design, architecture and engineering
- **System Administration** — Apache, IIS, nginx, Microsoft SQL Server, PostgreSQL, MySQL, Citrix, SFTP, Citrix Netscaler, Active Directory, DNS, Windows, Linux
- **Development and scripting** — Django, Python, PHP, Bash, Javascript, SQL

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## Developing Skills

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- **.NET** — C# development, Agile Engineering, TDD, BTDD
- **Cloud** — Rackspace, Azure, Linode
- **Configuration Management and Orchestration** — SaltStack, SaltCloud, Microsoft SCCM, vOrchestrator, Fabric
- **Development and scripting** — Powershell, C#

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## Employment History

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The Co-operators Life Insurance Company,  
**Solutions Designer**  
December 2014 – Present

Regina, SK

### Senior Technical Platform Analyst

2010 – December 2014

Senior member of the Wintel Team, (team duties outlined in the Technical Platform Analyst below). Additional initiatives include:

- Encourage the adoption of DevOps practices (Culture, Automation, Metrics, Sharing) to speed time to market, increase stability and handle work growth without resource increases.
- Contribute to the architecture and engineering of infrastructure and applications.
- Co-ordinate and collaborate projects and business objectives with other technical teams (Architecture, network, mid-range, storage, DBA, web hosting and development teams).
- Research and write business cases, initiations and project plans.
- Mentor team members and serve as a resource for escalation, information and business knowledge transfer.

### Technical Platform Analyst

2003 – 2010

As a member of the Wintel Team, we install, manage and support all the Windows/x86 platform business applications for the Co-operators Life Group of companies along with the supporting infrastructure. The applications range from in-house developed web-based applications and web services to third-party applications for document management and collaboration.

- Championed and developed the adoption of virtualization, achieving over 85% virtualized.
  - Improved team communication and processes by implementing wiki, use of Instant Messaging back channel and standards and automation.
- Regularly analyze and solve complex technical problems.
- Support complex and varied business applications, running on Windows and Linux operating systems.
- Responsible for achieving the uptime requirements of critical business systems.
- Develop processes, applications and scripts when required to enable the efficient management of over 700 servers.

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### Highlights of Projects I Initiated and Led

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- Implemented Cisco Unified Computing System (UCS) Platform in two datacentres.
- Adopting VMware as a virtualization platform to accommodate growth from 100 servers to 700 in less than seven years, achieving over 85% virtualized.
- Implemented a File Transfer Service to handle regular and ad-hoc file transfers securely and automatically.
- Successfully migrated all web apps from IIS 6 to IIS 7.
- Initiated these and many other successful operating system, core application and hardware upgrade projects, from management approval to planning and implementation.

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### Professional Interests

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- Virtualization, automation, simplifying and reducing infrastructure.
- DevOps, Kanban, Configuration Management software.
- Metrics, dashboards, open data/public data.
- Rapid application development using Django.
- Assisting small and non-profit organizations with their web presence.
- Develop and maintain CFLdb.ca family of sites using Django framework.
  - Operate all aspects of sites (provisioning, system administration, database, development, performance).
  - Source, acquire, clean and compile bulk data.

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### Education and Certifications

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Saskatchewan Institute of Applied  
Sciences and Technology (SIASST)

Moose Jaw, SK

1989 – 1991     Diplomas received in Administration, Marketing

2003             Windows 2000 MCSE Certification Received