

Serge Kovalenko

Lead DevOps Engineer/SRE

Summary

I am passionate about technology and automation. I love to experiment and innovate leveraging the latest technologies, engineer breakthrough customer experiences, and bring simplicity and humanity to IT.

As Lead DevOps Engineer, I worked on everything from customer-facing web and backend applications using cutting-edge open source frameworks, to highly-available RESTful services and back-end systems using the latest techniques in Big Data for storage, virtualisation and analytics. I drove the design, implementation, testing, deployment, and post-release support in an agile application development environment.

What I do:

Driving project/service delivery.

Performing as technical lead on platform development projects with responsibility for overall delivery of software components.

Collaborating with other platforms tech leads to ensure integrated end-to-end design.

Documenting design decisions and ensuring adherences.

Enforcing existing process guidelines.

Mentoring junior developers.

Supporting QA during testing, and oversight during implementation into production.

Conducting design & code reviews.

Tracking developers' bandwidth to assist in resource allocation.

Supporting PM in technical tasks & delivery schedule development.

Reviewing system test scenarios & test cases.

Monitoring operating efficiency of existing application systems.

Providing oversight to Vendor's technical design and code delivery.

Configuration Management: Puppet, Ansible, SaltStack, Terraform

CI/CD: Jenkins, Bamboo, Concourse CI

Unix: Linux, Solaris, AIX, HP-UX

VCS: GitHub, BitBucket, Gitlab

Cloud: AWS, Azure, Softlayer

Web: Nginx, Apache

Programming Languages: Ruby, Perl, Shell

Test frameworks: awspect, rspec, serverspec

Experience

Lead DevOps Engineer/SRE at Fairfax Media

May 2017 - Present

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Use of the following technologies: Concourse CI, Jenkins, AWS, Ruby, Python Cucumber, Selenium, Apache, NGINX, Tomcat, Terraform, SaltStack, Shell Scripting.

Lead DevOps Engineer at Astute Informatics

August 2016 - Present

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Senior DevOps Consultant at Odecee, A Cognizant Company

September 2015 - August 2016 (1 year)

Infrastructure Solutions Designer at Australian Broadcasting Corporation

July 2014 - August 2015 (1 year 2 months)

Infrastructure Solutions Architect at IBM

March 2012 - July 2014 (2 years 5 months)

Design infrastructure solutions for NAB (National Australia Bank)

Design private cloud infrastructure.

Infrastructure Solutions design for critical banking application for new cloud infrastructure.

Infrastructure Solutions Designer

August 2009 - March 2012 (2 years 8 months)

Design highly resilient centralised Logging system based on Syslog-NG PE and Splunk

Design and productionise AIX virtualisation platform IBM p-Series platform (p570, p770), develop AIX 5.3 and 6.1 SOE, solution utilised best IBM practice like NPIV,VIO,LPM.

Design Solaris 10 resilient LDOM virtualisation platform;

EMC DMX 3,4 to VMAX migration.

EMC DMX 2000 to DMX 4 migration.

HDS USPV productionisation including UNIX framework and DR for different UNIX flavours –

Solaris, AIX, Linux, standardisation, support model documentation and training

Design and setup new backup environment EMC Networker 7.6

Technical Architect

April 2009 - August 2009 (5 months)

Designed and implemented infrastructure for new government agency – GCCI (Global Carbon Capture Institute). Used technologies: VMWare, Citrix, Windows 2008 AD, MS Exchange, Symantec Vault, Symantec Netbackup, Windows 7 SOE, Linux, networks, voice, storage, backups, mini DC.

Senior Storage Engineer at IBM

February 2009 - August 2009 (7 months)

Telstra storage infrastructure refresh - EMC DMX3/4.

Senior Engineer at Macquarie Bank

October 2008 - January 2009 (4 months)

As a member of Infrastructure Engineering team define SOE and build standards for Solaris and Linux.

Develop detailed design for various projects.

Develop solutions to improve existing infrastructure.

Projects:

Designed Layer 3 VCS cluster solution

Designed solution for automation of system cloning and roll out on base of Jumpstart and flar.

EMC DMX migration and performance analyses

Senior Systems Engineer at Fujitsu Australia Limited

August 2005 - September 2008 (3 years 2 months)

Unix Engineer at ProFIX

2000 - 2004 (5 years)

Education

National Technical University of Ukraine 'Kyiv Polytechnic Institute'

Bachelor's degree, Computer Engineering, 1992 - 1998

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[Contact Serge on LinkedIn](#)