

# Pavan Kumar Rayadurg

DevOps Engineer

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## Summary

Amazon Web Services DevOps (VPC, EC2, S3), CI/CD pipelines, version control tools administration (GIT, Perforce and SVN), Deployment Automation and Release Management, Cloud Environment Management, Scripting.

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## Experience

### DevOps Automation Engineer at IAG

September 2017 - Present

Deputed to IAG from Wipro Australia.

AWS environment support, CloudFormation, Puppet automation, CI/CD, Bamboo, BitBucket, Deployment automation.

### DevOps Consultant at Westpac

November 2016 - August 2017 (10 months)

Designed and developed end to end deployment architecture for Westpac's NetReveal product (developed by Financial Crime Systems department of Westpac).

Working on implementing end to end CI/CD automation of NetReveal on Linux servers as well as Strategy Manager product (developed by Customer Services Technology department of Westpac) on Windows environments. Tools being used are Jenkins, BitBucket, Artifactory and CA Release Automation.

Created automated Jenkins jobs to package the code and push the package to Artifactory. Created CA Release Automation Actions, Flows, designed and implemented the workflow to pull the package from Artifactory, deploy the code, restart the services and perform the post deployment configurations.

### Consultant at Dialog Information Technology

October 2016 - November 2016 (2 months)

Technical Leadership of a team of 3 Dialog Consultants providing support for Gumtree applications. Worked on migrating Gumtree' web application and infrastructure monitoring from Gdash to Grafana.

Developed a monitoring tool in Python that checks if gumtree.com.au is returning as malicious in the Google.com website. This was implemented to cater to international markets where customers reported gumtree.com returned as malicious when they hit gumtree.com in their local domains.

### Lead SCM Engineer at Intuit

## November 2013 - August 2016 (2 years 10 months)

1. Handled Intuit QuickBooks Desktop and QuickBooks Online product's DevOps, Software Configuration Management, Build and Release activities.
2. Handling daily SCM support with respect to Perforce user related issues. Day to day tasks have been like providing repository access, checkin/checkouts, branching, setting up ACLs.
3. Amazon Web Services DevOps (VPC, EC2, S3, EBS, Load Balancers, Security Groups, RDS/ DynamoDB, CloudWatch, ECS), Kubernetes, Docker.
4. Architected, developed and maintained robust version control and build infrastructure (200+ VMs and 20 baremetal machines) on VMWare ESX hosts for Intuit's QuickBooks Build system.
5. Integrated Perforce with JIRA and Fisheye. Setup Coverity on all Perforce branches for Intuit QuickBooks Desktop product. Migrated the source code from Perforce to GIT.
6. Designed and developed CI/CD pipelines for Intuit CAMPS, Tern, IDS, and QuickBooks Online products. On-boarded all the products onto CI/CD.
7. On-boarded new products on to Chef. Developed Chef Recipes in Ruby to maintain and manage server applications and utilities for Intuit's QuickBooks.
8. Owning and handling Intuit's QuickBooks product's release management. Working with Development team closely to identify release dates, planning and supporting development cycle for all overlapping releases. Has been instrumental in doing more than 100+ quality QuickBooks Desktop releases to customers worldwide.
9. Integrated Perforce with JIRA and Fisheye.
10. Migrated the source code from Perforce to GIT.
11. Setup Coverity on all Perforce branches for Intuit QuickBooks Desktop product.
12. Implemented installer changes on Installshield.
13. Introduced and established agile practices in the team.

Tools and Technologies: UNIX, Windows, Perforce, GIT, Jenkins, Installshield, Chef, Ruby, AWS, Perl scripting, Shell scripting, Scrum team management, JIRA, Fisheye, Coverity, Code Collaborator.

## Lead Release Engineer at Ellucian

### March 2009 - November 2013 (4 years 9 months)

1. One of the first three members to setup the DevOps, SCM, Build and Release team in Ellucian India office and take over responsibilities for the flagship Banner product and its sub-products in Ellucian (formerly SunGard).
- 2.. Lead the group of Release Engineers that performed 600+ product releases to a large client base of over 2000 Universities across US so far.
3. Contributed to the automation of the build process through Hudson/Jenkins tool and established Continuous Integration for new products.
4. Wrote shell scripts to automate tasks.

5. Handled daily development support with respect to MKS/SVN user related issues. Issues have been like repository access, checkin/checkouts, branching (variant creation), setting up project records, resolving package or form issues on the db.
6. Interacted with internal and external clients directly at times and troubleshooted installation issues.
7. Evaluated processes and proposed modifications to the existing process and suggesting implementation of new processes. For Ex: Contributed to reducing overall release packaging time from 4 hours to 30 minutes by developing automation. And also implemented a new process of peer review which was not there earlier. Brought in agile processes in the team.
8. Maintaining system testing environments, deploying and ensuring the application passes the required smoke tests before the actual testing begins.
9. Implementation of changes into the production environment, as part of the change management process.
10. Identify options for potential solutions and assessing them for both technical and business suitability. Explored Chef and Puppet as part of this exercise.
11. Helped migrate the source code from MKS to Subversion.
12. Did performance reviews and rated the team members for 3 years.

Tools and Technologies: UNIX, MKS, Subversion, Jenkins, Installshield, Perl scripting, Shell scripting, Oracle Database administration.

### **Build and Release Engineer, Software Configuration Management Specialist**

February 2004 - March 2009 (5 years 2 months)

Worked at India offices of Sunquest Information Systems, e4e Business Solutions, Verizon and Sun Microsystems which are all US based major multinational organizations. Primarily handled Build and Release Engineering, Software Configuration Management, Webserver Support and Monitoring tools for products like SunSolve, HP Photosmart Essential, Sunquest Laboratory systems, etc. Supported large project teams and efficiently handled the function without major issues.

Implemented new processes, created documentation and trained users on ClearCase Multisite, Build and Release processes.

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## **Education**

S.D.M. College of Engineering and Technology, Dharwad, Karnataka

B.E., Electronics and Communications, 1997 - 2001

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[Contact Pavan Kumar on LinkedIn](#)