Pradip Patel (M.tech Computer Science-Nirma University)
Sr. DevOps Engineer @ Birst (An Infor Company)

C-206, Tirupati Aakruti Greenz, Opp Malabar County-1,Behind Nirma University.
S.G Highway, Ahmedabad-382481
Mobile no: +91-85111-53012
E-mail: pdpatel.er@gmail.com

Executive Summary:

- 5.6 Years of DevOps experience in Cloud infrastructure & DevOps implementation in the Healthcare, Retail Industry on Java (Spring Boot), Hybris, PHP and Software Configuration System Technology Landscape.
- Strong Expertise in Designing and deploying scalable, highly available, and fault tolerant systems on cloud/on-premise.
- Strong Expertise in AWS Cloud service (EC2,S3,CDN,Cloudwatch,Autoscaling,SNS,SQS,SES,RDS,VPC,Route53,API Gateway etc).
- Strong Expertise in availability, security/compliance, backup, and performance of the on-premise/cloud infrastructure.
- Strong Expertise in Web/Application technologies like Apache Httpd, Nginx, Tomcat 7.x+ configuration,ActiveMQ/Rabbitmq/AWS SQS,SAP Hybris,Mongo nosql database,Virtualization Technologies,PHP Laravel.
- Strong Expertise in ELK Stack (Elasticsearech,Logstash, Kibana) for log management and analysis.
- Strong Expertise in Continuous Integration,Continuous Configuration/Deployment with Jenkins.
- Expertise in Chef Automation(Infrastructure orchestration framework).
- Strong Expertise in Shell scripting, Linux/Windows server management and package installation, MySQL database management.
- Strong Expertise in Monitoring and alerting using AWS Custom Cloudwatch, AWS SNS, New Relic,Sensu,Graphite,Pagerduty.
- Strong Expertise in designing, configuring and managing product deployment automation including all SDLC phases (from code commit to build,code quality,automated test cases,artifact management ,deploy,auto scaling,Track, version, and deploy database changes,notification) through Jenkins in on-premise data center and on cloud (integration with other cloud services).
- Strong Expertise in API management tool APIMAN Gateway (apiman.io) backend by redhat developer,AWS API Gateway,Apache Solr. Elasticsearch
- Work with agile development teams to identify issues, troubleshoot and make recommendations to resolve application integration issues and working to their life cycles

Key Specialties : Product Deployment Architecture on-premise and on cloud, Distributed Computing ,Budget/Resource Planning,Agile and DevOps,Infra Scoping & Management, Change Management and Delivery Management,CI/CD with Jenkins.

Experience Details:

1) Company Name : Birst India Private Ltd. (An Infor Company)

403-404, 3rd Eye One,
Chimanlal Girdharlal Road,Panchavati Circle.
Near Parimal Garden,Ph no: 079-30171955
Ahmedabad – 380006

https://www.infor.com/products/birst

Duration : From 2nd May 2019 to till 29th November 2019 (7 Months)

Roles & Responsibilities	● Lead DevOps Engineer in "Moving to Linux Birst Project" in which work on to migrate complex Birst product from windows to linux servers that include migration/integration of Route53,F5 Load Balancer,AWS ELB,C# IIS component,Stateless Service Java component,ActiveMQ , Open Resty (Nginx+LuaJIt) Server,AWS S3,Selenium Cluster with Jenkins as Pipeline,Chef Automation framework. ● Performs daily tasks and ongoing projects relative to operational and application support of the birst product. These tasks include monitoring, backup / restores, application availability, scheduled / non-scheduled maintenance, release management, code deployment and configuration management through Chef. ● Responsible for architecting deployments for High Availability, scalability and reliability of CI/CD Setup of birst product on-premise infrastructure as well as AWS cloud infrastructure. ● User Management of Gitlab,Jenkins,AWS. ● AWS Scoping for monthly cost reduction. ● Create Jenkins Pipeline from code in every release cycle.
Platform	● Ubuntu ,Amazon Linux AMI, Windows, CentOS
Tools & Technologies Stack	● Nginx Server, Apache Tomcat,ActiveMQ, AWS Services (EC2,Route53,ELB,CloudWatch,),Sonarcube ,Jenkins, F5 Load Balancer,Open Resty (Nginx+LuaJIt).
Employer	● Birst an Infor Company
Domain	● Business Intelligence/Analytics

2) **Company Name : FutureGroup India**

Future Group - nuFuture Digital (India) Limited,
1st floor, City Gold Entertainment,
Motera Stadium road, Motera, Sabarmati,
Ahmedabad – 380005

Duration   : From 25th Oct 2016 to 29th April 2019 **(2 Years 6 Months)**

http://www.futuregroup.in/

https://en.wikipedia.org/wiki/Future_Group

Major Projects:

(1)http://ezoneonline.in (SAP Hybris Platform-e-commerce website)

(2)https://www.clarks.in/ (SAP Hybris Platform-e-commerce website)

(3) Amazon now   (Spring-Boot Java Application-Microservice)

(4)https://centralbrandspaces.in/ (PHP Laravel Application,SOH for Central Mall)

(5)http://prod-soh-fbb-elb-224538453.ap-south-1.elb.amazonaws.com/ (SOH for FoodBazaar)

(6)http://prod-soh-bb-elb-504054431.ap-south-1.elb.amazonaws.com/ (SOH for BigBazaar Mall)

Roles & Responsibilities	● Performs daily tasks and ongoing projects relative to operational and application support of future group application These tasks include monitoring, backup / restores, application availability, scheduled / non-scheduled maintenance, release management, code deployment and configuration management. ● Work to resolve technical issues escalated from other teams and/or external customers ● Respond to and resolve alerts from application monitoring systems to ensure product stability ● Documentation of application management, configuration management, release management, systems architecture and administrative processes ● Provide regular status reports of given project tasks ● Act as an escalation point for other team members to reach out to for assistance ● Responsible for architecting deployments for High Availability, scalability and reliability of ELK Stack , CI/CD Setup of all applications of FutureGroup on-premise infrastructure as well as AWS cloud infrastructure. ● Maintain effective working relationship with Tech Mahindra Team/Cognizant Unix,Windows,Network,Database,Storage,Backup Security team. ● Work to resolve technical issues escalated from other teams and/or external customers. ● Provide technical knowledge sharing sessions to developers. ● Manage APIMAN Gateway across Future Group (all API which is exposed to third party vendors) ● Manage Cloud Cover team https://cldcvr.com for day to day cloud operation on AWS. ● Manage Gitlab of all verticale of Futuregroup
Platform	● Ubuntu ,Amazon Linux AMI, Windows, Red Hat Enterprise Linux
Tools & Technologies Stack	● Hybris,PHP Laravel, Apache2 server(httpd), Apache Tomcat , ActiveMQ,RabbitMQ, AWS Services (EC2,,RDS,CDN,Route53,ELB,AutoScaling,CloudWatch,)),Sonarcube ,Jenkins,, NewRelic Monitoring Tools,Uptime Robot,,Spring-Boot.
Client	● Business People of Future Group, India.(Big Bazaar,Central Mall,Food Bazaar,FBB,BrandFactory)
Employer	● FutureGroup, India
Domain	● Retail Domain

3) Company Name : ezDI India ,Ahmedabad (US Based NLP + Machine Learning Startup Company)

B-503 ,Wall Street Annexe, Near Gujarat College,Law garden
Ellisbridge,Ahmedabad – 380006

Duration : From 2nd July 2014 to 19th Oct 2016 **(2 Years 4 Months)**

https://www.ezdi.com/about-us/

Major Product ezCAC,ezCDI,ezRuleEngine,ezNLP:

https://ezauthentication.ezdicloud.com/login

ezCAC + Cloud Services (PaaS):

ezCAC is a truly integrated, enterprise-level computer-assisted coding solution , designed for an entirely new level of efficiency, accuracy and simplicity. It's a one-of-a-kind revolutionary platform where CAC, CDI and Encoder function in perfect unison. Improve accuracy, efficiency & productivity with an enterprise-level, cloud-based CAC solution.

ezCAC + Cloud service is collecting data from the application vai internet and keep app & cloud in sync for the user. Meanwhile implemented Paas framework to serve the same infrastructure and services to multiple products at ezDI . The cloud architecture also involved a well-defined deployment process where we achieved zero-downtime deployment for new releases.

Roles & Responsibilities	- Planning, designing cloud architecture/infrastructure and development, development process , providing guidance, training sessions & knowledge sharing, production release management.Under devops chef framework configured various application servers,database servers and web app servers. Have used multiple concepts like cookbook,recipe, role,files,environment and templates for creating master configuration. In the end created a master configuration on each unique server which may be pulled by multiple client machines and get it configured in a few minutes which was taking days due to manual work without DevOps. Serving as cloud developer in scrum implemented project - Configuration management is taken care of using Chef so whenever a bare metal instance is up, it should be configured as per requirement. - DevOps Engineering, Deploy, monitor, and secure all the infrastructure in Development,Q/A,Staging,Performance and Production Environment. - Responsible for architecting deployments for High Availability, scalability and reliability

	● Manage AWS resources like SQS, RDS, S3 ,IAM,EC2 Instance , SNS , VPC ,Route53, Elastic Load Balancer , Auto Scaling EC2 Instance based on Custom Cloud watch metrics. ● Code deployment through git,maven and Jenkins ● Integrating and Managing Amazon CloudFront to serve web site static content faster to customers ● Writing Bash shell scripts to automate the creation and maintenance of distributed cloud infrastructure on AWS ● Hadoop Cluster Setup using Ambari Framework in Aws EC2 instance. ● Responsible for managing Product Artifact Version ● Manage AWS Security groups for different servers along with ELB ,Route53 settings. ● Responsible for various github repository management ● Responsible for Apache Tomcat7 Server installation,configuration and Administration ● Responsible for Mysql Server ,Mysql NDB Cluster,Amazon RDS Administration ● Responsible for Rabbitmq Server Administration ,Amazon SQS Administration
Platform	● Linux (Ubuntu)
Tools & Technologies Stack	● Apache Tomcat , RabbitMQ, Redis,Sonarcube ,Jenkins,Graphite, AWS [EBS, EC2, Cloudwatch,S3,DNS], Nagios,Jenkins, Core Java, Hibernate ,Spring Framework ,Spring-Boot , NLP , Semantic-Web, HL- 7, Mirth – Connect , Neo4J , Machine Learning.
Client	● Richmond University Medical Center ,U.S.A ● School of Medicine-Wayne State University ,U.S.A ● Urban computing medical centre,U.S.A
Employer	● ezDI LLc,Ahmedabad, India
Domain	● Healthcare Domain

EDUCATIONAL QUALIFICATION:

● Master of Technology in Computer Science and Engineering, Nirma University, Ahmedabad, India in July-2014 (June 2012-June 2014 Batch 2 Year Full time P.G Course) with 6.5 C.G.P.A.
● Bachelor of Computer Engineering from North Gujarat University, India in June-2009 (Year 2005- Year 2009 Batch 4 Year Full time U.G Course) with 76.96%.
● H.S.C in P.C.M.B from Gujarat Board (G.S.H.S.E.B-Gandhinagar -India) in March-2005 with 60.63%
● S.S.C from Gujarat Board (G.S.H.S.E.B-Gandhinagar -India) in March-2003 with 84.43%.

ACHIEVEMENTS:

- GATE-CS-2013 qualified in Computer Science and Engineering in year 2013 with 94.70%
- GATE-CS-2011 qualified in Computer Science and Engineering in year 2011 with 88%
- Hackathon-2015 Second Runner up Award from ezDI LLC Ahmedabad
- Passed B.E. (Computer Engineering) with First dist Class 76.96 %(**University 3rd Rank**).

PERSONAL INFORMATION:

- Date of Birth   :   24th Nov 1987
- Languages known   :   English, Hindi,Gujarati
- Marital Status   :   Married
- Blood Group   :   B+
- Permanent Address   :   C-206,Tirupati Aakruti Greenz,Behind Nirma
  University,Ahmedabad-382481
- Mobile   :   +91-8511153012
- Email   :   pdpatel.er@gmail.com
- Passport No   :   IND-Z4508491 valid upto 18/02/2029