Sandeep Kumar Purohit

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Passport No-M0813009 (valid up to 11/08/2024)

Objective

Looking for a challenging career which would best utilize my skills and also provide me an opportunity to grow personally and acquire knowledge in my field by employing me on challenging assignments.

Professional summary

Working as a Senior Software Engineer for a total of **5.2** years at **CGI** **Information and Management** In **Devops**, **Amazon Web Services (IAAS)** using **JAVA** Platform for one of the leading Investment Banks under Banking & Financial Services domain and one of the Global e-commerce platform.

* 3+ years working experience of Build and Release management process with **DevOps**, Core Java, Shell Scripting and Linux/Unix.
* 2+ years of working experience in **architecting Amazon Web Services and supporting the infrastructure (**EC2, ELB, VPC, S3, CloudFront, code Deploy, IAM, RDS, Route 53, CloudWatch, SNS ).
* Experience in managing tools like **Maven**, **Jenkins**, **Puppet**, **Docker**, **Udeployer**, **Tortoise, GIT,** **SVN,** **CertNanny, Team City**.
* Experience in using **Web logic Application server**.
* Experience in entire SDLC process using **JIRA, Collabnet,** good understanding on **AGILE** methodology.

Technical Expertise

Programming Languages: Core Java, Spring, Hibernate

Build Tools: Maven, Hudson, Jenkins, udeployer, Team City.

Devops Tools: Puppet, Docker

Cloud: Amazon Web Services.

Software Versioning Control: SVN, GIT

SDLC Process Tools: Collabnet, JIRA

Scripting Languages: UNIX/Linux - Shell programming

Web/Application Server: Weblogic

Database: Oracle, Sybase.

Operating Systems: Redhat Enterprise Linux, Solaris, Microsoft Windows

PROJECTS Detail:

**E-commerce (**infrastructure management using AWS**):**

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As a part of B2B project customer require an infrastructure hosting solution to be provisioned a quickly and cost effectively as possible to support the testing and deployment of the java component of the solution for the initial release.

**Roles and Responsibility:**

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Travelled onsite location in New Jersey to understand requirements from business, IT-Operations and development teams for architecting and managing Amazon Web Services cloud platform for our client.

* Costing,Design,building and managing the infrastructure environments needed for the projects in the AWS hosting platform.
* Actively monitor, research and analyze ways in which the services in AWS can be improved.
* Setup/Managing Linux Servers on Amazon ( EC2, EBS, ELB, SSL, Security Groups, RDS and IAM CloudTrail, Code Deploy).
* Setup/Managing VPC, Subnets; make connection between different zones; blocking suspicious ip/subnet via ACL.
* Setup/Managing CDN on Amazon CloudFront (Origin Path: Server / S3) to improve site performance.
* Create/Managing buckets on S3 (CLI) and store db and logs backup, upload images for CDN serve.
* Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon CloudWatch, SNS.
* Creating/Managing DNS records on Amazon Route 53.
* Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
* Investigation and Recover of Production Server Issues like as Server load
* Monitor Oracle Database Backup on AWS cloud S3 (CLI).
* Maintaining highly reliable 24x7x365 Linux production servers for internal, global and AWS EC2 instances.
* Log Analysis, Maintaining Documents of production/UAT/STAGING server log's reports and server's list.
* Create and Manipulate shell scripts on Production server for backup on AWS.
* Monitor Production/UAT Server Health of different parameters (System Load, Physical Memory, Swap Memory, Hard disk, Apache requests.
* Creating AWS Instances and Resources Bills.
* Produce reports activity where needed for any abnormal system performance.

**Securities Lending:**

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# **Project: iDelta (** Build and Release Management using Devops ) **:**

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iDelta application is an Inventory control which relates to the bank Buys/Sells and Borrows/Loans which happens between the bank entities for swaps and other credit sensitive derivative instruments and its Clients.

**Description**:

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Providing solutions on release management process, branching strategies, track artifact development, report any delays noticed or defer from deadline, automate every aspect of deployment for streamlining the release process.

**Roles & Responsibilities:**

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* Baseline the release process guidelines on the release cycles.
* Adapting Devops Tools: Working with internal DB Dev ops team to set up all our projects to adapt all the Devops tools i.e. Puppet and Docker, Jenkins Team city.
* Attend weekly DevOps meetings comprising development teams, Operations team to discuss issues with previous release, brief on upcoming major/minor releases.
* Administer and manage source code repository(s) SVN & GIT.
* Expertise with DevOps development tools – Build automation (Maven/Husdon/Jenkins/Teamcity), Deployment tools (Liquibase, IBM uDeploy), Code coverage tools (SonarQube).
* Familiar with Incident management, Change Management portals – ServiceNow,
* Collabnet and JIRA dashboard to track development or bug reporting activities.
* Configure and manage build tool Hudson & Jenkins, Team City and artifact repository Nexus.
* Create scripts to automate deployment of database objects – Sybase using Script Tracker.
* Configure, manage build deployments through uDeploy tool.
* Oracle Weblogic administration.
* Expertise in Unix/Linux – CLI, scripting.
* Handle environment management issues reported by team.
* Worked and Troubleshoot Git Repositories on Production, Staging, Development and Local Server's.

**Project Locates: (Environment management) :**

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**Roles & Responsibilities:**

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* Analyzing existing environment scenarios.
* Proposing solutions to newer requirements based on environment needs.
* Implementing and verifying the changes.
* Support any application related issues occurring in locates.

**Academy details:**

* Completed Btect (Electorinic & Communication Engineering) from N.M institute of Engineering and Technologies from B.P.U.T Universities.
* PUC from GuruNank Public School (CBSE).
* 10th from Rashtriya Gopal Vidya Mandir (CBSE).

Personal Information

Name : Sandeep Kumar Purohit.

Date of birth : 06/06/1986.

Sex : Male.

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