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| **Name : Sandeep Narayan Pattanaik**  **Senior Devops Engineer** |
| **san.mca77@gmail.com**  **Mob. No : +91-9861737614** |
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**Summary**

* Over **3.10** years of **IT** experience specialized in **DevOps Tools and** **Amazon Web Services (AWS)** in **TATA Infotech. Ltd.**
* To seek a challenging position in a company, where I can apply my creative skills, enrich my knowledge and grow continuously along with the company through consisted and dedicated smart work.

**Technical Skills**

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| **Operating Systems** | : | **Linux, CentOS , Ubuntu and Windows.** |
| **AWS (Cloud Technology)** | : | **EC2, VPC, S3, Glacier, IAM, SQS, SNS,SWS, SES, Cloud Watch, EBS, EFS, Elastic Load Balancer, Auto Scaling, RDS, Amazon Aurora, Dynamo DB, ElastiCache, AWS CLI, Cloud Front, Cloud Formation, Route53, VPC Peering, Red shift, Elastic Beanstalk, CORS, DMS, Snowball, CloudTrail , AWS Lambda, API Gateway , AWS Infrastructure, Kinesis ,Billing Alarm and Trusted Advisor , CodeBuild , CodeCommit , CodeDeploy , CodePipeline , OpsWorks .** | |
| **DevOps Tools** | : | **GIT (distributed version control tool), Chef & Ansible (Configuration Management Tools), Docker (Container Based Tool), Kubernetes (Container orchestration technology), Jenkins (Continues Integration tool), Maven and ANT (Build tool) and Nagios (Monitoring Tool).** | |

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| **Languages** : | **Python , Shell Scripting** |  |

**Projects Executed**

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* Working as a **DevOps & AWS Engineer** for **Deutsche Bank** from **April 2019** to **till date**
* Worked as a **AWS Administrator** for **8K Miles** from **June 2017** to **April 2019**

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| **Project Name : Deutsche Bank** | |
| Period | From: April 2019 to till date |
| Technology Stack | * **DevOps & AWS Cloud** |
| Responsibilities | * Experience in using version control tools like **GIT .** * Setup code repositories like **GIT**. * Implemented & maintained the branching and **build/release** strategies utilizing **GIT**. * Installed and configured **Git** and **GitHub** at Organization . * Setting up and working with **Ansible.** * Hands on experience in writing **Playbooks**. * Having very good experience in **YAML**. * Working experience in using Ansible **Ad-Hoc commands, Modules**. * Configuring the **Docker** containers by using **Docker Images.** * Creating **docker images** by using **Docker file.** * Creating **docker images** from **containers.** * Having very good experience in working with **Docker volumes.** * Experience in **port mapping** in Docker. * Setting up of own **Docker registry.** * Extensively worked on  **Jenkins**  for **continuous integration** and for End to End automation for all build and deployments. * Hands on experience in working with **Roles** in **Ansible.** * Having very good knowledge in **installation of Jenkins.** * Good knowledge in **configuring nodes** in **Jenkins**. * Working experience in using **multiple plugins.** * Integrating **Jenkins** with **GIT and Maven.** * Extensively used build utilities like **Maven** for building of jar, war, bar and ear files. * Configuring **POM.XML** file in **Maven** * Setting up of **maven**, **CI and CD jobs.** * Knowledge in **Dependency Management** and **Deploy Automation**. * Having very good experience in setting up **Multi Module Project**. * Experience in maintaining the **CI with Jenkins.** * Created many **user** accounts in **Jenkins** and given limited privileges . * Created many **slaves** to takes the load from **Master Jenkins Server** . * Managed and monitored the servers and network infrastructure using **Nagios** Monitoring tool . * Experience in creating the company's**DevOps** strategy in a mix environment of Linux (**RHEL, Ubuntu**) servers along with creating and implementing a cloud strategy based on **Amazon Web Services**. * Very good hands on experience on **EC2** like creating and managing instances of all types. * Worked on **S3** bucket like version control, Life cycle management, Cross region replication. * Hands on experience on **VPC** like creating own CIDR block, subnets, assigning IP’s and launching instances into **VPC**. * Administering users, groups and setting up of policies by using **IAM**. * Monitoring all cloud services by using **Cloud Watch**. * Worked on all kinds of **EBS volumes**, snapshots and **EFS**. * Creating Elastic Load Balancer and attaching instances to that **ELB**. * Having very good experience on configuring **Auto Scaling groups** and setting **policies**. |

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| **Project Name : 8KMiles** | |
| Period | From: June 2017 to April 2019 . |
| Technology Stack | * **AWS Administrator** |
| Responsibilities | * Worked on Identity Access Management (IAM) like AWS permissions, Roles, Policies, MFA authentication, User permissions and Groups. * Very good hands on experience on Simple Storage Service (S3) like Create an S3 Bucket, S3 Version Control, Cross Region Replication, S3 Life Cycle Management, Glacier, create a CloudFront CDN, S3 Security and Encryption, S3 Transfer Acceleration and Create A Static Website Using S3, CORS(Cross Origin Resource Sharing). * Worked on EC2 (Elastic Compute Cloud), Launch an EC2 Instance, use of Putty (for Windows Users), Security Groups, Upgrading EBS Volume Types, Encrypt Root Device Volume and Create an AMI, AMIs - EBS Root Device Volumes vs Instance Store, Load Balancers and Health Checks, Cloud Watch EC2, Autoscaling Groups, Using IAM Roles with EC2 , Using Bootstrap Scripts, EC2 Instance Metadata and Elastic File System. * Good knowledge on Route 53, Register A Domain Name, Setup Our EC2 Instances, Simple Routing Policy, Weighted Routing Policy, Latency Routing Policy, Failover Routing Policy and Health Checks and Geolocation Routing Policy. * Complete hands on experience on VPC, Public subnets & private subnets, Difference Between Default & Custom VPC, Introduction to Gateways, Understanding Route tables & Subnets, Build Your Own Custom VPC, Network Address Translation (NAT),Network Access Control Lists (NACLs), Custom VPCs and ELBs, VPC Flow Logs, NATs vs Bastions and VPC End Points , VPC Peering . * Worked on Data bases like Create RDS Instance, RDS - Back Ups, Multi-AZ & Read Replicas, DynamoDB . * Good knowledge on Ops Work and Setting up Ops work using famous Devops tool Chef . * Worked on SNS, Create a Billing Alarm, Consolidated Billing, AWS Organizations Lab, Resource Groups & Tagging, VPC Peering, Elastic Beanstalk, CloudFormation, AWS Trusted Advisor, Elasticity and Scalability concept **,** CloudWatch to monitor all AWS Services, AWS CloudTrail to record API calls . * Good understanding in working with AWS CLI to create and manage infrastructure . * Good knowledge in CodeCommit , CodeBuild , CodeDeploy , CodePipeline . |

**Qualifications**

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| **QUALIFICATION** | **INSTITUTE /SCHOOL** | **BOARD** | **STREAM** | **PERCENTAGE/**  **CGPA** |
| MCA | C V Raman College, BBSR | BPUT, Odisha | Computer Application | 74% |
| BSC(MATH) | P N College , Khordha | Utkal University,  Odisha | Math  Physics  Chemistry | 54% |

* Strong written and oral communication, Good interpersonal abilities, Quick learner, Self-Confident, self-control , self-motivated and bounce back from failure to success , able to work in a team.

**Assets**

* Enthusiasm and spirit to learn – new aspects in new environments and to meet fresh challenges.
* Ability to build team spirit, ensure organizational harmony & discipline.
* Takes initiative and no additional directions are required once work is explained and assigned.

**Personal Information**

* Name : Sandeep Narayan Pattanaik
* Gender : Male
* Nationality : Indian
* Languages Known : English, Hindi & Odia
* Contact number : +91- 9861737614

**Declaration**

* I hereby declare that the above-mentioned details are correct and complete to the best of my knowledge.

Date:

Place: Signature