

# Sana Tasmia *Cloud & DevOps*

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## PROFESSIONAL EXPERIENCE

### **Operisoft Technologies Pvt. Ltd., DevOps Engineer**

09/2023 – 01/2024

Ahmedabad, India

- Operisoft Technologies is a software consulting firm with expertise in Cloud technologies like AWS and Monday.com Products.
- Responsible for managing & Troubleshooting AWS CICD, & EC2 instances across 4 environments i.e. Production, Test, UAT, Dev for the deployment.
- Deployed a RDS with Read Replica Database in production along with AWS backups.
- Technologies used:- AWS for Infra, Nginx & Apache2 as a webserver, MariaDB & MySQL as Database, GitHub for Remote Repository, AWS CodeCommit, CodeBuild, CodeDeploy, CodePipeline for CICD, AWS CloudWatch for Monitoring, and Logging, SNS for Notification, CloudFront for CDN, Route53 for DNS Management, Elastic Load Balancer, Autoscaling Group, EC2, S3, VPC for custom secure network.

### **Mindtrail Technologies Pvt. Ltd., DevOps Engineer**

02/2021 – 08/2023 | Pune, India

- Mindtrail Technology is provide web development and design, IAAS services, product design, automation, branding design.
- Collaborating with Developers, Leading 3 Interns from Development to Sales, and coordinating with Product and Tech teams, oversee releases, tech hiring, Onboarding, and Deployment on AWS.
- Responsible for managing & Troubleshooting 26 EC2 instances across 4 environments i.e. Production, Test, UAT, Dev for the deployment of 3 NodeJS and ReactJS applications.
- Deployed a RDS with Read Replica Database in production along with automated backups in S3 buckets and restores using bash scripts.
- Application and server-level monitoring and automatic notifications by using a combination of AWS Cloud agent, pm2 logs, Nginx. Monitor CPU usage, RAM and EBS Volumes.
- Technologies used:- AWS for Infra, Nginx as a webserver, PostgreSQL as Database, GitLab for Remote Repository, Jenkins for CICD, AWS CloudWatch, Prometheus & Grafana Logs for Monitoring, and Logging.

### **Primine Software Pvt. Ltd., Web-Developer**

07/2020 – 01/2021 | Nagpur, India

- To plan and design the structure and design of web pages.
- Creating Responsive Websites as per customer requirement.
- Turn Design pages and specific components into HTML, CSS & JavaScript.

### **Pacific Cyber Technology Pvt. Ltd., Production Planning Control**

10/2018 – 01/2020 | Silvassa, India

- Forecasting of production, MRP Calculation & releasing Workorders for production.
- Checking Invoice and BOM after confirmation GIR (Goods Invoice Receipt).

- ERP & SAP handling , documentation (SOP & WI)

### **Ever Electronics Pvt. Ltd.**

05/2017 – 08/2018 | Pune, India

- Making production plan according to customer requirement.
- Creating Work-Order as per Planning.
- Material BOM checking according to invoice & approving material to send on Production.

### **Jabil Circuit India Pvt. Ltd.**

08/2016 – 04/2017 | Pune, India

- Making production plan according to customer requirement.
- Creating Work-Order as per Planning.
- Scheduling Monthly Inventory of material.

## **PROJECTS**

### **Q GamesMela, Gaming App, *Play all games & win***

- Q GamesMela is an exciting gaming app that allows you to win real cash by playing a variety of games.
- This Product having Games Such as - Ludo Mini, Ludo Express, Solitaire King, Uno King, Call Break, Tambola, Rummy, Snakes & Ladder.
- Designed the Secure AWS Architecture and Implemented the Infrastructure according to that.
- Customize DNS has been created for each GamesServers For Horizontal Scale-up. eg. Instance-id.gamesmela.com.
- Migrate Servers from Digital-Ocean to Aws Ec2 servers by using MGN.
- Having 4 different environment that is stage, pre-prod, prod, game-asg.
- Services Used : EC2, VPC, S3, ELB, ASG, EBS, IAM, CloudWatch, Route 53, CloudFront, AMI , Lambda, MGN, AWS CodeDeploy, AWS Pipeline.

### **MEKR, *One-Stop for Manufacturing***

- MEKR is a one-stop source for end-to-end development and manufacturing of custom electronics products.
- This Product having 5 pages - Home , About, Our clients, FAQ, Contact, Become supplier. Get Quote, Reach us pages redirect to contact page.
- Designed the Secure AWS Architecture and Implemented the Infrastructure according to that.
- Designed and Deployed the Infra on AWS Cloud by making it Secure and reliable.
- Deployed ReactJS & NodeJS web applications on AWS Cloud.
- Services Used : EC2 , VPC , S3 , ELB , ASG , RDS :- PostgreSQL, EBS , SNS ,IAM , CloudWatch , Route 53.
- DevOps tools : Jenkins , GIT ELK , Prometheus & Grafana.

### **FSP, *Global Ecommerce Website***

- FSP is a luxury brand of clothes founded by Falguni Peacock and Shane Peacock. With a global presence of over 15 years.
- This Product having 9 Pages Such as - NEW ARRIVALS, KURTA SETS, ANARKALIS, LEHENGAS, EVENING GOWNS , WEDDING COUTURE, SHERWANI, ADVANCED CONTEMPORARY, MAGAZINES.
- Designed the Secure AWS Architecture and Implemented the Infrastructure according to that. Designed and Deployed the Infra on AWS Cloud by making it Secure and reliable.
- Services Used : EC2 , VPC , S3 , ELB , ASG , EBS ,IAM , CloudWatch , Route 53, CloudFront, AMI, RDS-MariaDB.

## ROLES & RESPONSIBILITIES

### **AWS & DEVOPS**, *Amazon Web Services*

- Designed the Secure AWS Architecture and Implemented the Infrastructure according to that.
- Experience in Deploying End to End Setup of ReactJS and NodeJS Applications On AWS cloud.
- Created and configured Application load balancer and auto-scaling groups to distribute the traffic.
- Experience in setup the VPN (OpenVPN) to securely connecting to access the Bastion Sever to Private Database Servers.
- Generated and set up SSL certificate for the Main domain and for Subdomain (Wildcards) using LetsEncrypt, AWS ACM (Certificate Manager) & Cloudflare.
- Maintained the monitoring and alerting of production and corporate servers using the Cloud-Watch service.
- Created different CloudWatch Alarms for Status Checks, CPU Utilization, RAM and Volume Utilization.
- Generated the Custom metrics such as disk & volume and Logs using CloudWatch Agent.
- Getting notification on In-alarm by using SNS Service.
- Experienced in creating multiple VPC & Subnet like public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
- Experience in Writing Bash Scripts for Uploading Objects in S3 Bucket, Auto-Sending mail as notification by using SES service when any Instance will stopped & it will be Auto Restart that Stopped Instance & also on uploading dump file.
- Used security groups, internet gateways, and route tables to ensure a secure zone for organizations in the AWS public cloud.
- Implemented domain name service (DNS) through route 53.
- Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
- Used IAM for creating roles, users, groups.
- Setup and Created the Jenkins Jobs for ReactJS and for NodeJS.
- Good Experience in creating CI-CD Pipeline by using Jenkins for environments - prod, test, uat & dev.
- Good Experience in creating AWS CICD by using AWS CodeCommit, CodeBuild, CodeDeploy, CodePipeline.

### **JENKINS**, *CICD TOOL*

- Good Experience in CICD for setup and created the Jenkins Jobs for ReactJS and for NodeJS.
- Setup Jenkins Configuration for Staging, UAT, and Production Servers.

## SKILLS

- |                       |                        |               |
|-----------------------|------------------------|---------------|
| • Jenkins             | • Prometheus & Grafana | • ELK         |
| • GIT & GitLab/GitHub | • Docker               | • Bash Script |
| • AWS                 |                        |               |

## EDUCATION

**Bachelor of Engineer**, *Bapurao Deshmukh College of Engineering, Sewagram* 07/2011 – 08/2015 | Wardha, India

## CERTIFICATES

**Microsoft Certified: Azure Administrator Associate**   
I649-6187

**Microsoft Certified: DevOps Engineer Expert**   
I649-6186

## AWARDS

**BEST EMPLOYEE**, *Ever Electronics Pvt. Ltd.* 2018

## DECLARATION

The information stated above is true to the best of my knowledge and belief.

**SANA TASMIA**  
Maharashtra, March/2024