# MILIND GHARAT
## Cloud Engineer / DevOps/SRE Manager

## PROFILE SUMMARY

- A competent professional with **over 22 years** of experience in IT infrastructure Management with the financial institutions like JP Morgan, GE Money, ICICI Bank,Veritas, Share Khan and so on
- Built & operated entire **DevOps, SRE, Infra practice** on scaled environment.
- Drove Digital Transformation by moving workload to cloud and implementing **CI/CD, Automation, DevOps & Next Generation Technologies.**
- Skilled in creating **Jenkins CI/CD Pipeline**, managing automation of continuous integration & deployment processes using Jenkins, and deploying application with **Dockerfile and Kubernetes.**
- Proven experience across assignments encompassing **IT Strategy Formulation**, **IT Infrastructure, System/ SLA Management, Budgeting, Risk Compliance**, and Business Continuity Set-up.
- Effectuated usage of Cloud Technologies for moving non-business critical applications to cloud to **cut cost and improve performance & uptime.**
- Expert knowledge of **Application Performance Monitoring and Telemetry** tools like AppDynamics, Splunk, Grafana, Prometheus.
- **Designed and delivered cloud solutions** that remedy core business issues and position the organization to reach the next level of profitability.
- Subject Matter Expert for troubleshooting and **resolving complex, multi-tier web problems on different platforms.**
- Systematic problem-solving approach to troubleshooting, and the desire to solve the root cause of common problems.
- Design and deploy application in **high availability** environments**.**

## EDUCATION
- **1998:** Bachelor of Science from Mumbai University, Alibaug

## CERTIFICATIONS
- CKA Certified
- AWS certified solution Architect-Associate
- AWS -Developing on AWS
- Edureka Certified DevOps Engineer
- RHCE Redhat 7 Certified
- Ansible  Certified
- ITIL certified

## IT SKILLS
- Linux,Jenkins,AWS,Kubernetes,Helm Charts, Ansible, GIT/Bitbucket, App Dynamics, Splunk, Docker, Container, Cribl, MySql, Redis,SRE, Python and ITIL
- Scrum, Load Testing Tools, and JSON Programming
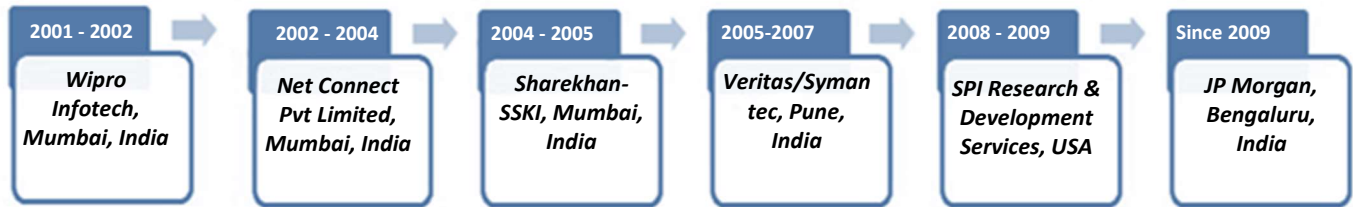- IPSoft Amelia platform (SME on Version3 to Version4)

## CORE COMPETENCIES

- Strategic Planning
- IT infrastructure Management
- SRE and DevOps Engineer
- Budgeting & Risk Management
- Cloud & Automation
- Application Performance Monitoring
- Incident Management
- Stakeholders Management
- Team Building & Leadership

## SOFT SKILLS

- Result-oriented
- Innovator
- Team Leader
- Problem Solver
- Motivator
- Influencer

## CAREER TIMELINE

| 2001 - 2002 | 2002 - 2004 | 2004 - 2005 | 2005-2007 | 2008 - 2009 | Since 2009 |
|---|---|---|---|---|---|
| Wipro Infotech, Mumbai, India | Net Connect Pvt Limited, Mumbai, India | Sharekhan-SSKI, Mumbai, India | Veritas/Symantec, Pune, India | SPI Research & Development Services, USA | JP Morgan, Bengaluru, India |

## PROFESSIONAL EXPERIENCE

**Sep 2009 till date: SRE and DevOps Engineer.**
**JP Morgan, Bengaluru, India**

**Key Result Areas:**
- Defining **SRE Maturity and Engagement model.**
- Configuration Management with **Ansible**.
- Infrastructure Code management with **Terraform**.
- Kubernetes cluster administration and management.
- Deploying, monitoring the applications in a Kubernetes environment.
- Configuring services, configmap, managing quota settings in a Kubernetes environment.
- Docker container management, troubleshooting for statefulset application.
- Configure the HorizontalPodAutoscaler on deployment.
- Deployment load testing with HPA, triggering artificial load in kubernetes.
- Improve the monitoring and alert system in a Kubernetes environment.
- Troubleshooting performance issues on **Linux** environment.
- Understanding on DNS,DHCP,LDAP,NFS,SSH,HTTPS, NTP.
- Designing complete flow of system architect for product as per SRE standard.
- Working on define SLI, SLO, SLA, Error budget and availability criteria.
- Implementing **application performance monitoring** to ensure site uptime and performance.
- Driving **Scrum Management** along with Agile implementation.
- Conducting **Chaos Testing of Application** using ERIS; supervising application load performance and benchmarking.
- Steering root cause analysis of major incident and blameless post-mortem of incident.
- Directing **key operational metrics** including site performance, incidents, and chronic problems.
- Administering improvement in **operational processes and efficiency.**
- Troubleshooting on **Percona Mysql cluster and Redis cluster.**
- Worked extensively on **Amelia AI/ML platform.**
- Deployment automation using AIM management tools.
- Automating continuous integration and deployment processes using **Jenkins.**
- Deploying application with **Dockerfile and Kubernetes.**
- Version Control with **Git** .
- Working for Fluentd sidecar integration with **Kafka on Kubernetes application.**
- Performing Artifact Management for **Docker Images using container registry.**
- Coordinating changes with application owners to ensure minimal user impact.
- Administering OS and Application Vulnerability Management and applying a proper fix.
- Managing Application Certificate including renewal; participating in various audits to maintain an acceptable audit score.
- Leading procurement and configuration of new **Load Balancer** as per application needs including **DNS host master** push.
- Implementing the high availability for application using pave/repave solution to maintain application uptime as per the agreed SLA during datacentre outage or catastrophic event.
- Testing POC (proof of concept) for various logging and monitoring solutions like Spyder Mesh, Cribl, splunk.

**Career Highlights:**
- Facilitated business mergers **in terms of the technology.**
- Key contributor to build ICICI bank online banking system.
- **VSI to Cloud migration. Successfully migrated 21 applications.**
- **Amelia migration from V2 to V5.**
- **Part of team who design prototype model for IT Risk Management**.
- **Automated Disaster Recovery** and sustained resiliency by understanding the business workflow.
- Successfully tested many **DR/SR event.**

## PREVIOUS EXPERIENCE

**Programmer Analyst**
*SPI Research & Development Services, Connecticut, USA | Oct 2008 - Aug 2009*

**Senior IT Infrastructure Specialist**
*Symantec, Pune, India | Mar 2005 - Dec 2007*

**Senior System Administrator**
*Sharekhan-SSKI, Mumbai, India | Mar 2004 - Mar 2005*

**Unix System Administrator**
*Net Connect Pvt Limited, Mumbai, India | Apr 2002 - Feb 2004*

**Unix System Administrator**
*Wipro Infotech, Mumbai, India | Mar 2001 - Mar 2002*