

Arshad Sayyad

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PROFILE

As an Associate Site Reliability Engineer, I have 1.6 years of experience in capacity planning, configuration, and maintenance of Networks, Databases, and Software Applications. I've worked with several teams with an average size of 10+ on handling 500+ servers, fixing Linux issues, performing system recovery, handling incidents, cloud migration, and ensure services are available around the clock.

PROFESSIONAL EXPERIENCE

Associate Site Reliability Engineer

2021 – present

Gupshup Technology 

- Designed and maintained 5+ infrastructure monitoring solutions, including Manage Engine, Icinga, Zabbix, Observium, and Grafana.
- Investigated the incident, follow up on it, and fixed it within the SLA and minimize the impact on the business.
- Accomplished to resolved a 50+ recurring issues, which including database outages due to memory issues and application slowdown due to high CPU usage.
- Expertise in filesystem and protocols: HTTPS, NFS, SMB, NTP, SAMBA, SSH, TCP, SSL And have inlined experience in networking.
- Created 50+ automation scripts to improve productivity and permanently fix the problem, like everyday ad hoc manual tasks.
- Contributed in the implementation of several infrastructure technologies for reliable and accurate monitoring, such as "Manage Engine for Application Monitoring".
- Developed adequate solution for the daily email alerts that the site reliability engineering team receives, the monitoring systems, 10 or more incident tickets, plus tracking requests.
- Implemented 20+ NFS backup servers to backup data and carry out disaster recovery procedures.
- Improved system design, such as spinning up to 20+ EC2 instances with connected EFS to improve application accessibility.
- Deployed application such as Tomcat, Redis, Rabbit MQ, MySQL on 500+ servers to meet functional needs.

SKILLS

Microservices and Orchestration Tools (Docker, Kubernetes, Podman, Swarm)

CI/CD Tools (Jenkins, GitLab, GoCD) • **Storage tools** (MySQL, MongoDB, PostgreSQL)

Log Aggregation Tools (Coralogix, Datadog) • **Incident Management** (Squadcast, Pagerduty)

Programming Languages (Python, GoLang) • **Cloud Infrastructure** (AWS, GCP , Azure)

Configuration Management Tools (Ansible, Chef, Puppet, Terraform)


Monitoring and Observability Tools (Zabbix, Icinga, Observium, Manage Engine, Prometheus, Grafana)

Linux (Linux Kernel, Linux Distributions, Networking, Backup, User Management, Capacity Planning, Virtualization, High Availability, Web Servers, Network Storage Management)

EDUCATION

Bachelor of Technology

2017 – 2020

Xavier Institute of Technology 

Information Technology Engineering

PUBLICATIONS

Implementation of Chit-fund using Block-chain

2020

International Engineering Journal for Research & Development
[IRJRD]

Implementation of Chit-fund using Block-chain

2020

4th International Conference Advance Trends in Engineering
(ICATE-2020)

PROJECTS

Chit-Fund Application using block-chain

2020

Make your bid with transparency

- Digitalization and the development of new information technology is one of the strongest forces of change in society.
- The users will have complete transparency while bidding through the web application.

Online Payment Website

2018

Make your bill payment digitally

- The website application that enables consumers to pay for their electricity bills more conveniently.

Smart Security System

2018

Secure your place with IoT

- The following project was developed using cutting-edge modern technologies, including the Internet of Things.
- Multiple sensors and an LED display are included in the project.
- Customers can utilise this anywhere they choose, including their homes, offices, gardens, and retail spaces.