VIBIN MATHEW

Persuasive and influential professional with skills in adding value to the organization, targeting opportunities in the field of **Site Reliability Engineer** Industry

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PROFILE SUMMARY

- **A result-driven M.Sc. (IT) professional offering over 4-5 years of experience in** Operations, Engineering & Infrastructure support
- **Successfully maintained tools, solutions, and microservices associated with deployment** while ensuring compliance with standards
- Managed/ configured monitoring tools NewRelic, DataDog, Icinga2, Check_MK, Slack Webhooks, and PagerDuty integration
- **Developed IT solutions,** installed and configured solutions, implemented reusable components, translated technical requirements
- **Provided detailed specifications for proposed solutions** including materials, manpower, and time, as necessary
- **Experience in productivity & efficiency-enhancing tools implementation,** administration & management in areas covering Static Analysis, Requirements Management, Defect Tracking, Quality Code Coverage, and Code Reviews
- **Skilled in implementing, configuring, securing, performance & load balancing,** system administration, software deployment, and support of the scalable cloud environment
- **Participated in a strategic project involving** planning meetings, providing guidance and expertise on system options, risk, impact, and costs vs. benefits, sharing operational requirements and development forecasts to allow for timely and accurate planning of projects
- **Evaluated existing applications and platforms,** extended recommendations for enhancing performance via gap analysis, identified the most practical alternative solutions, and assisted with modifications
- **An effective communicator with strong relationship building, presentation & decision-making skills** with proficiency in grasping new technical concepts quickly and utilizing the same in a productive manner

CORE COMPETENCIES

Project Planning

Solution Installation & Configuration

Application Lifecycle Management

Build & Production Deployment

Release Management

CD & CI Set-up & Process

Production Systems Architecture & Design

Performance Management

Continuous Integration Delivery

SOFT SKILLS

Communicator

Collaborator

Analytical

Innovator

Problem-solver

Motivator

Decision-Maker

CAREER TIMELINE

| FIIT, Chennai Jun 2016 -Jul 2017 | → | Iopex Technologies, Chennai Since Sep 2019 |

WORK EXPERIENCE

Iopex Technologies, Chennai as Senior Systems Engineer (Site Reliability Engineer) Sep 2019 - Present

Key Result Areas:
- Acting as Offshore System Engineer to support (DevOps & Infra) to maintain client infrastructure and internal monitoring servers 24/7
- Working in Ad-serving RTB (Real-Time Bidding) clusters, Service clusters and ensuring high availability by maintaining the cluster ratio
- Monitoring and managing support of all production system components and infrastructure
- Troubleshooting technical or functional issues in a complex financial environment to provide timely resolution, with various applications and platforms that are global

- Managing/ configuring the monitoring tools like NewRelic, DataDog, Icinga2, Check_MK, Slack Webhooks, and PagerDuty integration
- Performing Incident/ Tasks/ Post-mortem Analysis/ tracking on Jira for P0/P1/P2 issues
- Steering routine application maintenance tasks as an ongoing responsibility; assisting in requirements and procedures for implementing routine maintenance; troubleshooting existing information systems for errors and resolving the errors

Highlights:

- Monitored over 10,000+ hosts and 60,000+ service checks under (Dev/QA/Stage/Prod) env** across 8 Global Data Centers & Cloud providers for various Applications, Hardware degradation & Maintenance
- Implemented setup/migration of on-prem monitoring instances to Centos 7.8 and DB from scratch covering over 200 hosts and associated services
- Client appreciation (Magnite. Inc) for DevOps mini project on the user (http traffic load balancing) using Nginx and Docker, scaling containers, and continuous monitoring

FIIT, Chennai as Linux Sys. Admin & Security Analyst (Jun 2016 -Jul 2017)

Key Result Areas:

- Drove process metrics, SLA and redirected problems to the appropriate resource
- Identified and escalated situations requiring urgent attention and ensured effective and rapid response to Major Incidents, active participation of new Application Transition Projects where the key objective would be ensuring a smooth transition of the Application Security Phase
- Ensured all necessary prerequisite activities are being completed as per Group Information Security Policy before transitioning of any application
- Played a key role in providing Access-Provisioning / DEProvisioning related training to team
- Completed security audits (Malware/ Virus Check, 2 Step Authentication, DDoS Attack Managed, Phishing/ Spammer Detection, Worldwide Open Ports/ Files/ Folders Validation)
- Monitored compliance to service level agreements, quality standards, and operational objectives, assessed risk, and accessed control policies as per organization controls

Highlight:

- Managed Nagios monitoring servers including 500+ hosts, 1500+ service checks, log analysis, CPU load, memory, disk, inode troubleshooting
- Conducted internal security audits to ensure that all information security processes and procedures are adhered to the employees and that with 100% compliance
- Designed, implemented and managed IT Network infrastructure for Futura Innovative Information Tech. Pvt

ACHIEVEMENTS

- Client Appreciation – Jan'22
- Achiever of the Month – May'23
- Achiever of the Month – Jul'20
- Employee of the Quarter (EOQ) Award – Dec'21
- Achiever of the Month – Mar'23

TECHNICAL SKILLS

- **Linux Platforms:** RHEL, CentOS, Ubuntu, Debian, Amazon Linux
- **Configuration Management Tools:** Ansible
- **CI/CD Tools:** Jenkins
- **SCM:** GitHub, Git-Lab
- **On-Call Management Tools:** Opsgenie, Pagerduty, Alert Manager
- **Monitoring Tools/Services:** Nagios, Prometheus, Grafana, Check_MK,
- Zabbix, Pingdom, Data-dog, New Relic
- **Power Management:** PowerIQ, Sentry Power Manager (SPM)
- **Databases:** Redis, MongoDB, MySQL, Influxdb
- **Agile:** Jira, Confluence, ServiceNow
- **ChatOps:** Slack, Skype for Business, Team-chat
- **Scripting:** Bash & Python (Moderate)
- **Hardware:** HP (m710x m710p) Cartridges, Moonshot 1500, HPE
- ProLiant DL360 Gen10, HPE ProLiant DL380 Gen9,10,10+), Dell Idrac,
- Power Edge, Sea Micro, VMware-vSphere, KVM

ACADEMIC DETAILS

- **2019:** Masters- M.Sc. in Information Technology from SRM University, Chennai
- **2016:** Bachelors- B.Sc. in Computer Science from University of Madras, Chennai

CERTIFICATIONS

- Fortinet (NSE) L1 & L2
- AWS Cloud Practitioner Essentials
- ICSI - Network Security Specialist
- CASP+ - Enterprise Security Architect
- IBM Database Fundamentals
- CISCO - Cybersecurity Fundamentals
- Secure Coding OWASP Top 10
- CompTIA N+

PERSONAL DETAILS

Date of Birth: 7th September 1995 | **Languages Known:** English & Malayalam | **Address:** Chennai-600053