

# ARAVINDHAN E

IT Infrastructure | Linux | AWS | DevOps | Monitoring & Observability

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📍 Open to Relocation & Remote Roles

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## PROFESSIONAL SUMMARY

Detail-oriented **IT Infrastructure** with hands-on experience in **Linux server** administration, **AWS** cloud services, **System and network monitoring** and Automation. Strong expertise in **Grafana, Prometheus, InfluxDB, Telegraf, and SNMP-based monitoring**. Proven ability in troubleshooting production issues, incident response, performance optimization and implementing centralized monitoring solutions for large scale environments.

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## CORE COMPETENCIES / SKILLS

<b>Operating Systems</b>	: Linux (Ubuntu, CentOS), Windows (Monitoring & Agents)
<b>Cloud Platforms</b>	: AWS – EC2, VPC, IAM, S3, SNS, SQS, CloudWatch (basic)
<b>Monitoring &amp; Observability</b>	: Grafana, Prometheus, InfluxDB, Telegraf, SNMP, Alerting, Metrics, Logs
<b>Automation &amp; Scripting</b>	: Bash (Shell Scripting), Cron Jobs, PowerShell (Basic)
<b>Containers &amp; DevOps Tools</b>	: Docker (Images, Containers, Basics), Git, CI/CD
<b>Networking &amp; Protocols</b>	: SNMP, OID Mapping, TCP/IP, UDP, SSH, PuTTY, DHCP
<b>System Administration</b>	: User & Permission Management, Performance metrics, Uptime Monitoring

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## PROFESSIONAL EXPERIENCE

*(Autointelli Systems Pvt Ltd – Aug 2025 to Present)*

### Key Responsibilities:

- Installed, configured and maintained **Linux servers** to support internal applications and monitoring systems.
- Designed and deployed **Grafana dashboards** for system, server and network performance visibility.
- Integrated **Prometheus** for metrics collection and alerting to ensure incident detection.
- Set up **Telegraf agents** for Linux and Windows systems for real-time data ingestion into **InfluxDB**.
- Automated monitoring tasks using Bash, Reducing manual effort by 40%.
- Implemented **SNMP-based** monitoring for routers and switches by configuring **OID mapping** and building Grafana dashboards to track CPU, memory, interface and network traffic in real time.

## PROJECTS

### Centralized System Monitoring – MCE Client

**Tech Stack:** Grafana, InfluxDB, Telegraf, Linux, Windows, PowerShell

- Deployed a **Centralized monitoring solution** for 500+ systems across campus Environment.
- Installed and configure **Telegraf agents** and **PowerShell Automation**.
- Implemented **InfluxDB** for storing CPU, Memory, Disk, and Network metrics.
- Built **Custom Grafana dashboards** for real-time performance visibility and proactive alerting.

## **SNMP-Based Network Monitoring – NxtGen Client**

**Tech Stack:** Grafana, SNMP, Linux, Forticlient VPN, Putty

- Configured **SNMP** monitoring for routers, switches and servers.
  - Validated SNMP connectivity and configured **OID mapping** (.conf files) for accurate metric Collection.
  - Developed Grafana dashboards for **CPU, Memory, Disk, Interface Utilization and Network**.
  - Enhanced monitoring accuracy and improved incident response time.
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## **CERTIFICATIONS**

- **Linux, AWS (Amazon Web Services) & DevOps Certification** – Besant Technologies, Chennai.
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## **EDUCATION**

**Bachelor of Engineering - Civil and Structural Engineering**

Annamalai University, Chidambaram | 2017–2021

Percentage: **78%**