

# ARAVINDHAN E

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

📞 +91 94429 88405 | 📩 earavindhan02@gmail.com

🔗 LinkedIn: [www.linkedin.com/in/aravindhan-e-0a3b7029b](https://www.linkedin.com/in/aravindhan-e-0a3b7029b)

📍 Open to Relocation & Remote Roles

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## PROFESSIONAL SUMMARY

Detailed-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

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| <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%**