# Resume - Senior Site Reliability Engineer (ML Platforms)

**Mamatha** **K**  
📞 +91 7892638589 | 📧 mamathak2647@gmail.com  
🌐 GitHub: github.com/MamathaNaveen | 💼 LinkedIn: linkedin.com/in/mamatha-k-84158395  
📍 Mysore, Karnataka  
  
**Professional** **Summary**  
Senior Site Reliability & DevOps Engineer with 12+ years’ experience in Linux systems, automation, and infrastructure reliability. Specialized in scaling AI/ML platforms, Kubernetes, AWS, and monitoring at enterprise scale. Proven record of improving system uptime, compliance, and ML infra efficiency through automation-first engineering.  
  
**Core** **Skills**  
- SRE/DevOps: Reliability, SLAs/SLOs, Incident Mgmt, Automation  
- Cloud & Containers: AWS, Kubernetes, Docker  
- Systems & Security: Linux (SUSE/Ubuntu/RHEL), IAM, OS Hardening, Compliance  
- Monitoring/Observability: Prometheus, Grafana, ELK  
- Automation & CI/CD: Python, Bash, Perl, Jenkins, Git/GitLab  
- ML Platform Enablement: Compute provisioning, MLOps dashboards, AI/ML infra setup  
  
**Experience**  
**Intel** **Corporation** – Bangalore, Karnataka  
**Infrastructure** **Support** **Enablement** **Engineer** | 2020 – 2025  
- Supported AI/ML compute & data infra (Compute, Netbatch, ION, Storage).  
- Built Access & Cleanup Portal automating validation/cleanup → cut manual effort 60%.  
- Developed dashboards (Python/Perl + Grafana/Tabulator) for infra visibility & SLO tracking.  
  
**Compute** **Administrator** – **Linux** **System** **Engineer** (**India** **Site** **Lead**) | 2013 – 2020  
- Managed enterprise Linux infra (~100k users, 20k groups) with zero critical incidents.  
- Achieved 98% compliance via Cfengine automation.  
- Built self-help portal reducing IT tickets by 40%.  
- Led 7 years of site-wide shutdown ops with zero major incidents.  
  
**Education**  
- Postgraduate Program in AI, ML & Generative AI (Ongoing) – UpGrad, 2024–2025  
- B.Sc. Computer Science – National Institute of Engineering, Mysore, 2008–2012  
  
**Projects**  
- ML Infra Dashboards – Unified monitoring for ML workloads & SLOs.  
- AI/ML Models – Skin disease classification (CNN), Ticket classification ML.  
- UID/GID Compliance Dashboard – Global automation framework adopted at Intel.  
  
**Tech** **Stack**  
Linux | Python | Bash | Perl | Git | Jenkins | Ansible | Kubernetes | Docker | AWS | Grafana | Prometheus | ELK | PHP | HTML/CSS