

ANANTHA KUMAR M R

<https://github.com/Parafounder01>

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SUMMARY

Results-driven Technical Professional with Bachelor's degree in Electronics and Communication Engineering and 1.5+ years of hands-on experience in IT operations, system administration, and data analysis. Skilled in MS Excel (VLOOKUP, Pivot Tables, Data Visualization), SQL (Basic), and Python for data processing and trend analysis. Proven ability to make real-time operational decisions, manage 24/7 infrastructure, and communicate effectively with stakeholders. Flexible for shift work including nights and weekends. Seeking an operations, data analyst, or IT support role

TECHNICAL SKILLS

Data Analysis & Business Tools: MS Excel (Advanced - VLOOKUP, INDEX-MATCH, Pivot Tables, Data Visualization, Charts), SQL (Basic - SELECT, WHERE, JOIN queries), Python (Data Processing, Pandas, NumPy)

System Administration: Linux (RHEL 8/9, Ubuntu), Windows 10/11, Server Monitoring, Real-time System Health Analysis

Networking & Operations: TCP/IP, DNS, DHCP, Network Troubleshooting, Real-time Issue Resolution, Incident Management

Programming & Scripting: Python, Bash Shell Scripting, C, C++, Embedded C

Tools & Platforms: PuTTY, VNC Viewer, VirtualBox, Git, Wireshark, n8n, Docker

EXPERIENCE

SRM TRP Engineering College

Technical Assistant (IT Operations & Infrastructure Management)

Trichy, Tamil Nadu

May 2024 - Present

- Manage continuous IT infrastructure for 60+ workstations across multiple labs. Monitor system health in real-time, identify issues, and make immediate operational decisions to maintain uptime and system availability.
- **Data Analysis & Reporting:** Analyze system logs and performance data using Python, create Excel-based reports with Pivot Tables and charts to track network performance, downtime incidents, and resource utilization trends.
- **Real-time Troubleshooting:** Resolve TCP/IP, DNS, and DHCP connectivity issues in real-time, reducing network downtime by 40%. Identify root causes and implement preventive measures based on trend analysis.
- **Infrastructure Monitoring:** Monitor license servers, user access logs, and system events continuously. Use collected data to identify patterns, forecast capacity needs, and optimize resource allocation.
- **Stakeholder Communication:** Regularly communicate with academic staff, students, and management about system status, maintenance schedules, and technical issues through written reports and verbal briefings.
- **Incident Documentation:** Maintain detailed incident logs and resolution records, analyze recurring issues, and present findings to management for process improvements.

Nivedita InfoTech

Technical Trainer & Operations Coordinator

Trichy, Tamil Nadu

July 2023 - May 2024

- **Data-Driven Analysis:** Analyzed trainee performance data using Excel to identify skill gaps, track learning progress, and optimize training content delivery. Used pivot tables and charts to present insights to management.
- **Operations Support:** Provided technical support for daily operations, troubleshooting system issues, and ensuring continuity of training programs. Made real-time decisions to resolve operational bottlenecks.

- **Technical Documentation:** Created clear, detailed documentation for system configurations, troubleshooting procedures, and technical processes. Communicated complex technical concepts to both technical and non-technical stakeholders.
- **Process Automation:** Implemented Python-based workflows for system monitoring and task automation. Set up automation rules to reduce manual intervention and improve operational efficiency.
- **Effective Communication:** Trained 20+ professionals through clear verbal explanations and written guides. Collaborated with teams to resolve technical challenges and improve service delivery.

Indus Teqsite Pvt Ltd

Technical Apprentice (Systems Testing & Quality Assurance)

Chennai, Tamil Nadu

July 2018 - July 2019

- **Data Collection & Analysis:** Conducted systematic testing of the Integrated Fire Control System. Collected detailed test data, analyzed results, and identified patterns related to system performance and reliability.
- **Real-time Decision Making:** Made quick decisions during testing to identify critical issues, determine priority levels, and escalate problems to engineering teams. Communicated findings clearly through detailed reports.
- **Quality Assurance:** Validated system behavior under various conditions using technical data analysis. Documented all findings meticulously for compliance and regulatory audit requirements.
- **Serial Protocol Testing:** Tested RS-422 and RS-232 communications, analyzing data transmission patterns, identifying signal degradation, and ensuring data integrity in critical defense applications.

EDUCATION

Bachelor of Engineering in Electronics and Communication Engineering

Saranathan College of Engineering, Trichy

2019 - 2022

CGPA: 8.27/10

Diploma in Electronics and Communication Engineering

SIT Trichy

2015 - 2018

Percentage: 79.92%

CERTIFICATIONS

Embedded Systems & Linux Administration Certification

Vector India, Chennai

Dec 2022 - July 2023

Comprehensive training in system administration, Linux system programming, process management, and real-time system monitoring. Skills acquired include performance analysis, system optimization, and operational troubleshooting for 24/7 environments.