PRABHU R

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PROFILE SUMMARY

Computer Science Engineering graduate from KSR Institute for Engineering and Technology College with 5 months of experience in the EDP department as a Hardware and Networking Engineer. Skilled in system assembly, desktop support, printer troubleshooting, and network traffic management. Hands-on with computer servicing, Wi-Fi setup. Known for delivering dependable IT support and ensuring smooth technical operations

WORK EXPERIENCE

Sakthi Infra Tex Pvt Ltd, **Perundurai, Tamil Nadu**
July 2025 – Present

- Provided day-to-day desktop support across departments, resolving user issues related to hardware, software, and networking.
- Assembled and maintained systems, including OS installations (Windows/Linux) and driver configurations.
- Diagnosed and resolved printer issues, ensuring minimal downtime for business operations.
- Configured and managed Wi-Fi networks for office use, ensuring stable connectivity across all systems.
- Handled basic monitored network traffic to ensure secure and uninterrupted data flow.
- Maintained and serviced computers, including preventive maintenance and troubleshooting.
- Delivered end-user support for MS Office tools, including Excel reporting and documentation tasks.
- Assisted in managing EDP operations and IT inventory, ensuring all hardware resources were effectively utilized.

EDUCATION

KSRIET | *B.E. Computer Science Engineering: CGPA- 7.45* *Tiruchengode, Namakal | 2021-2025*
Government Hr. Sec. School | *Higher Secondary* *Nathakadaiyur | 10/07/2019-28/06/2021*

SKILLS

- Hardware Troubleshooting
- Network Traffic Monitoring
- Load Balancing
- Network Security
- Desktop & Printer Support
- Problem Diagnostics & Bug Fixes
- Computer Workstation Setup
- System Assembly & Installation
- Desktop & Printer Support
- EDP Department Operations
- Backup Management

PROJECTS

Intrusion Detection System:

- Created a real-time anomaly detection system for smartwatches, utilizing a hybrid CNN-WKNN model with 99.1% accuracy and a precision value of 98.4%.
- Improved detection speed by 40% over traditional ANN-KNN models and reducing its average alert response time from 150ms to 100ms.
- Designed an architecture to detect MITM, DoS and identity theft attacks in IoT healthcare environments, ensuring patient data integrity and secure communication.
- Evaluated system performance using the RT_IOT2022 dataset and statistical validation (t-tests, ROC curves) to ensure high reliability and real-world applicability

CERTIFICATIONS

- *CISCO* – Networking Essentials
- *CISCO* – Introduction to cybersecurity