Kamlesh Kumar

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Summary

Highly motivated MCA candidate (Graduated **September 2025**) seeking a position in the **AT&T Technology Development Program (TDP) - Network Engineer Track**. Bringing a strong academic foundation and practical experience in **Network Planning, Operations, and Automation**. Proficient in using data analysis and scripting (Python) for network optimization, security monitoring (Splunk, Wireshark), and complex problem-solving. Possesses the leadership and communication skills required to drive technical innovation within a mission-critical team.

Education

- **Master of Computer Applications (MCA)**
  - Pandit Ravi Shankar Shukla University, Raipur | 2023 - **Graduated September 2025**
  - **Percentage: 76.73%**
- **Bachelor of Science (Computer Science)**
  - T.C.L. Govt. P.G. College, Janjgir | 2021-2023
  - **Percentage: 73.55%**
- **Higher Secondary (10+2)**: 331/500 (2020) **High School (10th)**: 85% (2017)

Technical Skills

- **Networking & Infrastructure: OSI Model, Network Topology, IP Addressing, DNS, DHCP, VLANs, Basic Routing & Switching, Network Monitoring, Troubleshooting.**
- **Security & Analysis Tools:** Splunk (Log Aggregation & Dashboard Creation), Wireshark (Traffic Analysis), Nmap (Network Mapping & Auditing), Linux CLI.
- **Programming & Automation:** Python (Proficient for Scripting & Automation), JavaScript (ES6+), React.js, RESTful APIs, Git & GitHub.
- **Operating Systems:** Windows (Administration), Linux (Proficiency).

Projects & Practical Experience

1. Enterprise Network Design and Security Audit (*GitHub*)
  - Designed and audited an enterprise network using **Cisco devices**, focusing on topology, IP addressing, **routing, switching, and VLANs**.
  - Applied **OSI model concepts** and security best practices to optimize performance and identify vulnerabilities, demonstrating data analysis for network efficiency.
  - Used **automation scripts** to simulate traffic and detect issues, showing a proactive approach to network management.

2. Full-Stack Web Server Monitoring & Security Dashboard (*GitHub*)
  - Built a dashboard using **Splunk** for monitoring web servers and security, ingesting Apache/Linux logs and creating performance/security visualizations.
  - Configured **AI-driven alerts** for attacks (e.g., brute-force), integrating data analysis and automation to optimize network operations and drive proactive insights.

3. Implementation and Detection of Ransomware Attacks (*GitHub*)
  - Simulated ransomware operations, encryption, and detection/prevention methods in a controlled environment.
  - Focused on system analysis, root cause identification, and **network security testing** with an emphasis on using **Python scripts** for automated detection and data-driven decision-making to mitigate threats.

4. IP Scanner Tool (Python) (*GitHub*)
  - Developed a **Command Line Interface (CLI) tool** for network reconnaissance using **Python**, incorporating DNS resolution, port scanning, and IP analysis.
  - Optimized for performance through debugging, showcasing practical application of network commands, **data analysis**, and **automation** to enhance security insights.

5. Medical Billing System (Django + PostgreSQL, React)
  - Contributed to backend development with **RESTful APIs**, focusing on **secure network integration** and data management for robust performance.
  - Applied networking concepts for API optimization and used **data analysis** to ensure the system operated efficiently and scalably.

Experience

FMS Engineer | KAIZEN IT Services Private Limited | On-site at Income Tax Dept., Raipur, Chhattisgarh | September 2025 – Present
  - Provide dedicated **Field Managed Services (FMS)** and technical **IT support** under the Kyndryl Taxnet 20 project.
  - Responsible for on-site system **troubleshooting** and maintenance, ensuring high availability and seamless operation of client IT infrastructure.
  - Managed end-user issues related to hardware, software, and network connectivity, demonstrating strong communication and problem-solving skills in a professional environment.

Full-Stack Web Developer (Intern) | Adyant-SoftTech | Feb 2025 – August 2025 (6 month)
  - Involved in **debugging, optimizing performance, and resolving technical issues** in web applications, demonstrating strong **troubleshooting skills**.

Virtual Intern - Ethical Hacking & Penetration Testing | Centre for Development of Advanced Computing (C-DAC), Noida
  - May 2025 - Jun 2025 (2 months)
  - Enhanced skills in **identifying and analyzing system flaws and vulnerabilities**, crucial for **IT security and system maintenance**.

Cyber Security Internship | Acmegrade | Jul 2024 - Sep 2024 (3 months)
  - Gained practical cybersecurity knowledge, including **information gathering techniques** from websites, which enhances understanding of IT environments.

Certifications & Training

Programming & Development:
  - **PCEP™ Certified Entry-Level Python Programmer (76%)** - February 2025
  - **The Complete Full-Stack Web Development Bootcamp**

Networking & Cloud:
  - **CISCO: Networking Basics**
  - **Google: The Bits and Bytes of Computer Networking**
  - **IBM: Computer Networks and Network Security**
  - **Amazon: AWS Educate Getting Started with Networking**
  - **NVIDIA : Introduction to Networking**

Cybersecurity:
  - **NPTEL - Ethical Hacking**
  - **NPTEL - Practical Cybersecurity**

In Progress: CCNA & CompTIA N+ (Actively pursuing to formalize knowledge and gain certification).