

ASIF RASHID

Address: 263 Gulberg Colony, Hyperpora, Srinagar, J&K -190014

Phone: +91 7006185695

Email: asif_rashid@live.com

PROFESSIONAL SUMMARY

Results-driven IT and Broadcast Engineering professional with over **12+ years of experience** in satellite communication, broadcast operations, system administration, and network management. Proven expertise in uplink/downlink operations, digital signal transmission, technical troubleshooting, network configuration, and IT infrastructure support. Strong background in Electronics & Communication Engineering with hands-on experience in cutting-edge communication technologies.

PROFESSIONAL EXPERIENCE

Senior Engineer

Republic Media Network, Noida, Uttar Pradesh

June 2017 – February 2025 - Managed **satellite communication systems**, including uplinking and downlinking of audio/video content.

- Executed digital conversion, encoding, and secure transmission of media signals to designated satellites.
- Ensured smooth broadcast operations by coordinating with ground stations and monitoring transmission quality.
- Performed real-time troubleshooting to minimize downtime and maintain uninterrupted broadcasting.
- Supported technical operations for live news production and field connectivity.
- Led technical operations across newsroom, studio, and live broadcast environments, demonstrating strong project management, coordination, and operational planning capabilities.

System Administrator

iYogi Technical Services Pvt. Ltd., Gurgaon, Haryana

September 2010 – July 2014 - Handled software troubleshooting for computers, routers, switches, and IT assets.

- Managed IT infrastructure, including servers, networks, system configurations, and performance monitoring, building a strong foundation in technical evaluation, process management, and operational governance.
- Installed, configured, and managed **LAN/WAN, VLANs, firewalls**, and enterprise networking systems.
- Resolved internet, virus, and security-related issues for employees and clients.

- Strong working knowledge of **TCP/IP, DNS, DHCP, routing, and switching**.
- Ensured secure and efficient network operations across the organization.
- Responded to critical issues with analytical precision, supporting timely resolution and maintaining high service-level performance.

OB Engineer

News24, Noida, Uttar Pradesh

March 2009 – August 2010 - Operated outdoor broadcast (OB) systems for live news transmission.

- Managed electronic content flow, ensuring seamless broadcasting during live events.
 - Coordinated with studio teams for signal transmission and technical quality.
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EDUCATION

Master of Technology (M.Tech.) – Communication & Information Technology

National Institute of Technology (NIT), Srinagar — *December 2016*

Bachelor of Engineering – Electronics & Communication Engineering

University of Kashmir — *December 2008*

Higher Secondary School

Tyndale Biscoe School, Srinagar — *October 2002*

Senior Secondary School

Tyndale Biscoe School, Srinagar — *October 2000*

PUBLICATIONS

- Asif Rashid, “**Achieving Performance Speed-up in FPGA based 4:2 compressor using Fast Carry-chains**”, 4th IEEE International Conference on Signal Processing and Integrated Networks (SPAIN-2017).
 - Asif Rashid, A.G. Mir, “**Exploiting Fast Carry-chains to Improve Performance of 6:2 Compressors on FPGAs**”, IEEE International Conference on Inventive Communication and Computational Technologies (ICICCT-2017).
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PROJECTS

FPGA Implementation of RSA Cryptosystem using Optimized Compressor Trees

Designed and implemented RSA cryptographic architecture using high-speed, optimized compressor trees on FPGA platforms.

TRAININGS & CERTIFICATIONS

- **CCNA Certification**, National Institute of Electronics and Information Technology, Srinagar.
 - Practical Training in **GSM**, BSNL Kashmir.
 - Practical Training in **CAD & VLSI**, NITTTR Chandigarh.
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TECHNICAL SKILLS

- Satellite Communication Systems
 - Uplink/Downlink Transmission
 - Digital Signal Processing
 - Network Setup & Troubleshooting (TCP/IP, DNS, DHCP)
 - LAN/WAN, VLAN, Routing & Switching
 - Firewall & Network Security
 - VLSI, FPGA Implementation
 - Broadcast Engineering Operations
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PERSONAL DETAILS

Date of Birth: 8 March 1985

Nationality: Indian

Languages: English, Hindi, Kashmiri, Urdu

Marital Status: Married

Passport: S 7413481 (Valid till Sept 2028)

PAN: AKQPR4663E

Permanent Address: 263 Gulberg Colony, Sector-2, Hyderpora, Srinagar, J&K – 190014

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