

# RAKESH KUMAR RAI

## Technical Assistant

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Expert with 9 years of experience in Web Development and More than 4 years of experience in IT Networks and Data Centers, Now, I am ready to work in an innovative and competitive world where I can utilize my entire logic and efforts in the growing IT industry.

## SKILLS

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### Web Development and Digital Marketing:

HTML, HTML5, CSS, SASS, PHP, MySQL, XHTML, Bootstrap, JavaScript, JSON, Ajax, jQuery, WordPress, Drupal, SeedProd, Photoshop, CorelDraw, Web Hosting Management, REST API, OSCommerce, Apache, Nginx, Microsoft IIS, XAMPP, WAMP, LAMP, Brand Awareness, Lead Generation, Marketing Campaigns, Online Marketing, E-mail Marketing, Social Media Marketing, Google Analytics, PPC, Google AdWords, Google Workspace, Google Search Console.

### Network Engineering and Cyber Security:

Cisco Switching, Fortinet Firewall, VLAN, CDP, Networking Protocols, VOIP, TCP/IP & OSI Model, Cisco UCS M4 Server, Wireshark, HP Blade System c7000, Tyrone SAS-SAN, Troubleshooting, DHCP, DNS, IPV4, ARP, WebSocket, Backup Management, Group Policy, Cloud Backup, OpenStack, VMware, Hyper-V, Web Security, IT Security, Vulnerability Assessment, Burp Suite, OWASP, Trend Micro Server.

### Software Development:

C, Core Java, C# (Preliminary).

## PROFESSIONAL EXPERIENCE

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**National Institute of Technology, Delhi, India**

**06/2017 – Present**

### Technical Assistant

- Maintaining and administering computer networks and related computing environments including systems software, applications software, hardware, and configurations.
- Monitoring network performance to determine if adjustments need to be made.
- Protecting data, software, and hardware by coordinating, planning, and implementing network security measures.
- Installing, configuring, and supporting network equipment including routers, proxy servers, Web Servers, switches, WAN accelerators, DNS, and DHCP.
- Configuring firewalls, routing, and switching to maximize network efficiency and security.
- Designing, configuring, and testing networking software, computer hardware, and operating system software.
- Providing technical support on-site or via remote-access systems.
- Repairing hardware malfunctions, software issues, and networking problems.
- Implementation and Configurations in NVR & IP CCTV.
- Installing and maintaining desktop PCs, printers, OS, and applications.

- Antivirus installation on all desktops and laptops.
- Fault-finding in laptops and desktops.
- Provide assistance and support to colleagues in IT-related matters.

## **CT Group of Institutions, Jalandhar, India**

**07/2013 – 06/2017**

### **Web Developer**

- Developing and maintaining the front-end functionality of websites.
- Designing and building web pages based on suggested layouts, writing cross-browser compliant XHTML, CSS & JavaScript.
- Troubleshooting problems with performance or user experience.
- Identifying problems uncovered by customer feedback and testing and correcting or referring problems to appropriate personnel for correction.
- Integrating analytics tools, Chatbots, Heatmap, and others tracking user data.
- Providing tailored data sets for the executives on a weekly basis.
- Performing research on current benchmark trends and audience preferences.
- Designing and implementing social media strategy to align with business goals.
- Facilitating brand scaling and company awareness through various social media channels
- Monitoring campaigns and analyzing obtained data.
- Ensuring progress on all platforms by using analytical tools such as Google Analytics and others.
- Integrate data from various back-end services and databases.
- Creating and maintaining software documentation.
- Maintaining and updating websites.
- Resolving web bugs and running usability tests.

### **CERTIFICATIONS**

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| • Certified in ET80- Sophos Firewall v19.0 Engineer from Sophos. | <b>08/2022</b> |
| • Certified in WordPress from Udemy, Inc.                        | <b>08/2018</b> |
| • Certified in Digital Marketing from Udemy, Inc.                | <b>08/2018</b> |
| • Certified in IBM Rational Software from IBM India.             | <b>12/2013</b> |
| • Certified in C language from CMC Ltd., India.                  | <b>11/2011</b> |

### **EDUCATION**

#### **IK Gujral Punjab Technical University, Jalandhar, India**

**07/2014- 07/2017**

#### **Master of Technology (Part-Time)**

- Computer Science and Engineering

#### **IK Gujral Punjab Technical University, Jalandhar, India**

**07/2009- 07/2013**

#### **Bachelor of Technology**

- Information Technology

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### TRAINING AND INTERNSHIPS

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- Sophos Firewall training on July 30, 2022, from Mikroz InfoSecurity Pvt. Ltd., Delhi, India.
- Cyber Security online course on June 16, 2021, from Udemy Inc.
- Digital Marketing online course on August 31, 2018, from Udemy Inc.
- Cisco CCNA online course on August 31, 2018, from Udemy Inc.
- WordPress online course on August 31, 2018, from Udemy Inc.
- IBM Rational Certified training, December 2013 from IBM, India.
- Six months of industrial training, December 2012 to May 2013 from Naresh i Technologies, Hyderabad, India.
- Six weeks of summer training, 16th June to 27th July 2011 from CETPA Infotech Pvt. Ltd., Lucknow, India.
- Core Java Certification training, February to April 2011 from PurpleLeap, Bangalore, India.
- C Language training, 10th October to 17th November 2011 from CMC Ltd., Lucknow, India.

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### AWARDS

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- Received Award from Sh. Arpit Shukla, IPS, and Commissioner of Police Jalandhar and Election Commission of India for 72 Hours Mobile App during Punjab Elections in 2017 (Technologies applied: jQuery, PHP, MySQL).

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### LANGUAGES

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- English C1 Level
- Hindi (native)

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### HOBBIES

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- Internet Surfing
- Play Football
- Play Guitar

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### PERSONAL PROFILE

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- Date of Birth: 24-04-1992
- Gender: Male
- Nationality: Indians
- Marital Status: Single

I hereby declare that all the information given above is true to the best of my knowledge.

Date: 08/01/2023

Place: Delhi, India

Rakesh Kumar Rai