

# SARAL RATHORE

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## ❖ EDUCATION:

B.TECH(CSE)	70%	Maharshi Dayanand University, Rohtak	2015-2019
AISSCE(CLASS XII),CBSE	56%	Madhavrao Scindia Public School, Bareilly	2014-2015
AISSE(CLASS X),CBSE	75%	Sobtis Public School, Bareilly	2012-2013

## ❖ TRAININGS UNDERTAKEN:

### Indian Farmer Fertilizers Co-operative Ltd, Aonla (U.P.)

05 Feb- 04 Jun 2019

IFFCO Aonla is one of the six natural gas based fertilizer plant set up in the country on H.J.B.pipeline.

- Prepared a report on Protocols of Distributed Control systems and its applications in process industry.
- Studied and analysed the network managing for effective and smooth workflow of various processes undertaken in the plant.

## ❖ PROJECTS:

### Indian Institute of Technology, Kanpur (Dept. of Computer Sciences)

20 Apr- 20 Jun 2018

- Planned and designed a **Network monitoring tool** which captures various packets of internet protocol such as TCP, ICMP, UDP for connected networks.
- Completed an exhaustive report based on the above project and studies made under the project with the help of add-ons such as PHP, HTML, CSS, JavaScript.

### Indian Institute of Technology, Kanpur (Dept. of Computer Sciences)

20 Jan- 28 Mar 2019

- As an extended version of 'Network monitoring tool' a project on **IPv4 traffic generator** using Linux OS which transfers IP packets from one system to another was made.
- Completed a summarized report on the above project under guidance of Mr. Navpreet Singh, Chief Computer Engineer at IIT Kanpur which elaborated the process and codes of transfer of packets.

## ❖ ACHIEVEMENTS & APPRECIATIONS:

- Secured First rank in district level **Yoga asana competition under all age's category held at Vivekananda Kendra, Kanyakumari.**
- Participated in a workshop on '**Network Implementation**' organised at **NETWORK BULLS.**
- Participated in various ground-level **Half Marathons and bicycle rallies.**
- Attended workshop on Robotics organised by Advanced Educational Institute.
- Imparted with training in the camps of 'scouts guide praveshika' organised by **Hindustan Scouts & guides.**
- Participated in district-level inter school Judo championship organised by Bareilly district judo association.

#### ❖ **PROGRAMMING COMPETENCIES:**

- **Convenient with Linux based operating systems:** Hands on ubuntu version 18.04LTS and Kali linux version 6.1.
- **SQL:** Created various databases using MYSQL Database for the sake of completion of the projects mentioned above.
- **PHP:** Used PHP to create dynamic web pages content for the projects mentioned above.
- **HTML & CSS:** Used HTML and Cascading style sheets for creating an ECommerce website.
- **PYTHON:** Somewhere in-between beginner and intermediate in PYTHON.
- **BASH SCRIPTING:** Used BASH for various types of automation and Scripts such as-: Regular backups, automating task on a pre-decided date and time, written a reliable and handy packets capturing scripts using BASH in Kali Linux version 6.01.
- **PACKETS CAPTURING TOOLS:** Hands on various Network Sniffing Tools such as-: Wireshark, Windump, Tcpdump.
- **VHDL (Very High Speed Integrated Circuit Hardware Description Language):** Learned concepts of VHDL while pursuing Engineering and have practical knowledge of VHDL.

#### ❖ **CERTIFICATIONS:**

- Certified in **DevOps Foundations: Continuous Delivery and Integration** from Linkedin Learning.
- Certified in **DevSecOps: Building a Secure Continuous Delivery Pipeline** from Linkedin Learning.
- Certified in **Graphite and Grafana: Visualizing application performance** from Linkedin Learning.
- Certified in **Kubernetes: Microservices and Nagios** from Linkedin Learning.
- Certified in **Lean Technology Strategy: Building High Performing Teams and moving fast with defined constraints.**
- Certified in **Lean Technology Strategy: Starting your business transformation**
- Certified in **Nagios, Elastic Stack and Puppet.**
- Completed course in **DevOps Engineering.**

❖ **SKILL-SETS:** Technology Knowledge, Problem Solving, Computer Skills, Troubleshooting, Understanding the audience, proficient in MS-office, Research, Visual communication, Engaged in writing, Strong interpersonal skills.

❖ **HOBBIES:** Diary Writing, Bullet journaling, Trekking, Reading Books, Driving, Virtual gaming, Internet Surfing, watching Sci-Fi movies, An Eye for creative photography.

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