

Tarun Chauhan

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Work Experience

Data Center Administrator @ Wipro Limited

Aug 2018 – Aug 2019 // Gurgaon, Haryana

- Migrated >2000 EOS servers from Windows Server 2003 & 2008 to Windows Server 2016 & 2019.
- Upgraded old Cisco Wireless network to newer Aerohive Wireless Network.
- Assisted in decommissioning of a Data Center with more than 850 Servers and network devices.
- Increased team productivity by automating repetitive tasks related to server and network devices configuration and Provisioning.
- Improved network availability & reliability by configuring dual uplink on network devices for redundancy.
- Built a dashboard to monitor the health and resources consumption of servers.
- Performed optimal provisioning, configuration and maintenance of servers.
- Remediated Security risks by Installation of Security Patches/ Hotfixes released by OS/Application vendors across Servers.

IT Trainee @ Delhi Metro Rail Corporation Ltd.

Jan 2018 – Mar 2018 // Mayur Vihar, Delhi

- Worked on an add-on feature that deals with providing a least crowded as well as a time efficient route.

Education

Masters of Computer Applications (MCA)

Bharati Vidyapeeth's Institute of Computer Apps. and Mgmt., GGSIPU, Delhi

Aug 2019 – June 2021 (Expected)

Grade – 86.2 %

Bachelor's in Computer Applications (BCA)

Indira Gandhi National Open University, New Delhi

Dec 2015 – Dec 2018

Grade – 59.3 %

Diploma in Computer Engineering

Guru Nanak Dev Institute of Technology, Rohini, Delhi

Aug 2015 – June 2018

Grade – 77.52 %

Projects

Shortly

A URL Shortener Service built using **MERN** for transforming long, ugly links into nice, memorable and trackable short URLs.

DreamBooks

Web app built with **JSP**, **Servlets** that provides access to various genres of E-Books.

Screen Recorder

Desktop App written in **Python** for recording the screen activities. Built using **PyAutoGUI** and **PIL** modules.

Server Monitoring using Prometheus and Grafana

Built a dashboard for monitoring servers resource utilization like CPU/ Memory/ Disk usage/ Network/ Process etc. using **Prometheus** and **Grafana**.

KVM Web Manager

Implemented a web-based virtualization management interface for the KVM/QEMU hypervisor, allowing VM's to be created and managed through the web interface. System runs in a **Docker** environment and hosted on **AWS**.

Skills

Programming Languages

Python, Java, C#, C++, Shell

Web Technologies

ASP.Net, Java EE, JavaScript

Database

MySQL, Oracle, MS SQL Server, MongoDB, Firebase

Cloud Technologies

Google Cloud Platform, AWS, DigitalOcean

Tools

Git/GitHub, Docker, Kubernetes, Tableau, Grafana, Prometheus, Elasticsearch

Others

Data Analytics, Virtualization, Server/ Network Administration, DevOps, Linux

Trainings

Virtual Data Internship @ ANZ

Predictive & Exploratory Data Analysis of transactional dataset of ANZ Customers.
June'20

Summer Academic & Internship Program (SAIP)-2020 (Data Science) @

IILM College of Engineering & Technology, Greater Noida
11 May'20 – 6 June'20

Certifications

Google Cloud Platform Business

Professional Accreditation, Google Cloud
Issued – 07 Apr'20

Machine Learning A-Z™: Hands-On

Python & R in Data Science, Udemy
Issued – Mar'19

Extracurricular/Achievements

- Secured 4th Rank at Online Programming – BVICAM, a competitive programming event organised by Coding Ninjas -2020.
- Coordinated as technical team member at International Conferences on Computing for Sustainable Global Development in INDIACOM - 2020.
- Secured 1st Position at GNDIT 's Coding Hell Event – 2016.