

## WORK EXPERIENCE

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### Assistant System Engineer, Tata Consultancy Services (TCS)

Sep 2016 - Present

- Involved in development and maintenance of Data Warehouse involving terabytes of data using Oracle SQL, distributed RAC system, Netezza Mustang and UNIX Solaris/LINUX as solution environments.
- Involved in a designing and development of fully restfull CMS from scratch using Bootstrap and Java JSP.
- Implemented RESTful Webservice with maximum features for greater efficiency and better service.

## EDUCATION

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### B.Tech. in Computer Science Engineering, Govt. Engineering College, Ajmer

July 2012 - May 2016

- **Undergraduate Coursework:** Data Structure; Databases; Programming Languages; Cloud Computing; Linux OS.

## TECHNICAL EXPERIENCE

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### Projects

- **Twitter Sentiment Analysis.** Implemented a model to provide reviews(negative and positive) on movies and other queries based on the "tweets" regarding that query using **python tweepy, django** and **twitter API**.
- **ABOT.** Developed an AI based model to answer your many queries and perform different operations on PC using python modules like. **Tkinter, Speech recognition, Pyaudio, wolframalpha** etc.
- **VM Based Cloud Setup.** Configured, implemented and supported Virtualization with VMware VSphere 5 (Esxi Hypervisor), Vcenter, VCSA, VMFS.
- **Automated Cloud.** Virtualized os setup in our own data center over the Linux platform to Services like Iaas, SaaS, using Virtualization, Socket Programming, Python TUI and **Python CGI**.
- **Plotter.** Developed a module to plot wave graphs of different functions based on given inputs using python **numpy** and **matplotlib**.
- **MyScore.** Developed a backend script in python to scrap the data from webpages and provide updated score on live cricket matches using **python Beautiful soup** and **request**.
- **Minor Projects.**
  - Music mania application in ASP.net and Mssql.
  - Chat application in Python TUI.
  - BrainF Language Interpreter in C.

## ADDITIONAL EXPERIENCE AND AWARDS

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- **TCS Codevita:** Team darkshadows ranked 345 among 65000+ Teams in TCS Codevita 2015.
- **ACM ICPC :** Team invincible ranked 264 among 500 teams in Kanpur Online Round 2015.
- **Hacker Cup :** Qualified for Facebook Hacker Cup 2016.
- **RHCA & RHCSA :** Successfully completed training in redhat architecture.

## Languages and Technologies

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- C++; Java; Python; SQL; Web Development; Shell Script; Django; Spring; Apache Hadoop; Docker; Git; VMware; Web Scrapping;
- Windows & Linux;

## Programming Statistics

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- Codeforces : rajat189, *Max Rating: 1728*
- Codechef : dragon\_ball(Rank: 1181)
- Spoj : rajat189(Rank 120)
- ProjectEuler : rajat189(Level 3)
- GitHub : rajat189, *All projects available here.*