



Kishan Agarwal

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Profile

DevOps Engineer

Experience

SENIOR ANALYST, CAPGEMINI, NAVI MUMBAI, MAHARASHTRA — 2017-PRESENT

- Set up ELK (**elasticsearch, logstash and kibana**) stack infrastructure consisting of three elastic-search node cluster to monitor the data coming from various sources (like VDM's mounted on the server itself or coming via **filbeat**). The stack was configured with **X-pack** as well to append role based authorisation to the user.
- Currently working with **ansible** to manage configuration of different environments or services using .yaml files.
- Containerisation of application like Tasktop, ELK stack , Jenkins etc. using **docker** which are quite expensive in terms of resource utilisation of the machine. I have created various **docker-images** to use them for the same. Each and every container was managed using **docker-compose** .
- Implemented **three node cluster of Kafka-brokers** which is actively used in ELK stack to transmit messages or data between **Logstash-shipper** and **Logstash-indexer**.
- Administration of JIRA and Confluence.
- Source code management and version control using GIT.
- Each and every tool was running on linux environment hence **Linux administration** is the key thing.
- Automated regular health-checks of servers using **shell-scripts** and **Jenkins- job** which was done manually earlier.
- Creation or spinning up of virtual environment or virtual machines using **vagrant**.

Education

- University:- Dr. APJ Abdul Kalam technical university
- College:- GL Bajaj institute of technology and management
- City:- Greater Noida
- State:- Uttar Pradesh
- Degree: B.Tech (Honours) in Computer Science Engineering -2017 .

Awards and achievements

- Bronze badge of honour:- For excellence and delivery beyond the client's expectations.
- Star-Performer for the quarter three 2018.

Skills and competencies

- Fluent with english writing, reading and interaction