

# SHIVALI CHAUHAN

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## OBJECTIVE

To be associated with a reputed, well-established, and progressive organization with a highly motivating and challenging environment that can provide me with a dynamic work sphere to extract my inherent skills as a professional.

## SKILLS

**Programming Languages** Core Java, Python, SQL.

**Tools** Git, Monitoring tools (DataDog, Prometheus), Boot3, Ansible, Docker.

**Machine Learning** Supervise and unsupervised machine learnings.

**Cloud Services** AWS cloud, EC2, S3, VPC, ELB, AWS Inspector, Guard duty, IAM admin, CloudTrail, Athena, Linux (administration and troubleshooting)

## WORK EXPERIENCE

### Utopus Insights India Pvt Ltd.

DevOps Engineer

May 2018 - Present

- End to end life cycle management of renewable field applications, e.g. Scipher.rx and Scipher.vx running in AWS cloud.
- Renewable product architecture and plan the releases in Dev, QA and Prod environment following Agile.
- Developing automation platform for other infrastructure services and Linux systems using python.
- Engineering monitoring setup for application services and systems using enterprise and open source tools. Already presented demo of monitoring setup using Prometheus for over 20+ application services and 50+ Linux systems.
- Identified and helped resolve application environment issue, such as connection firewall issues, VPC related issue, cloud configuration issues and Linux problems.
- Supported production systems outside of standard working hours by periodically volunteering to be on call 24x7 to help with issues.
- Wrote shell script using python+Boto3 to automate test for the production environment's infrastructure on AWS cloud.
- Worked on functional enhancement related to the business requirements. Developed on demand features Used Visual Studio as a development tool and core java concepts.

### Key Projects

- **Scipher.vx (Descriptive Analytics)**

*Scipher.vx is a wind energy descriptive analytics product. Where we work on wind turbine data like active power, wind speed etc.*

Platform: Java, SQL, CSS, Linux, Node.js, AWS Cloud

- End to end deployment using terraform and AWS cloud.
- Set up the application and product specific process monitoring (Kafka, Opentsdb, mirror maker, zookeeper) using DataDog and prometheus.
- Worked on functional enhancement related to the business requirements. Developed on demand features Used Visual Studio as a development tool and core java programming concepts.

- **Scipher.rx (Perspective Analytics)**

*Scipher.rx is ML based product worked on wind turbines components/device whether they are working properly or not.*

Platform: Java, SQL, Linux, Node.js, Machine learning Algorithms, Stat models

- Developing the stat models
- Testing the models
- End to end deployment using terraform and AWS cloud
- Monitoring the product specific process (Kafka, Opentsdb, mirror maker, zookeeper) using (DataDog and prometheus)

## EDUCATION

### **Vellore Institute of Technology**

Master of Computer Applications, May 2018

Vellore, India

### **Gwalior Institution of Computer Technologies**

Bachelor of Computer Applications, July 2015

Gwalior, India

## PERSONAL SKILLS

- Focused
- Quick learner
- Positive attitude
- Hard working
- Adaptive

## PERSONAL DETAILS

**Nationality:** INDIAN

**Date of Birth:** 15th Oct 1994

**Hobbies:** Coding, Social Work, Watching Cricket, Cooking