

# Rishu Gera

Senior Engineer

## Contact

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## Skills

### AWS



### Azure



### Jenkins



### Docker



### Kubernetes



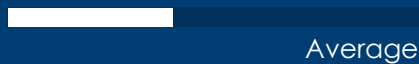
### Python



### Shell Scripting



### Maven



### GIT



### Bitbucket



Sr Engineer with around 6 years' experience in Cloud(Azure, AWS), Python, DevOps, Configuration management, Infrastructure automation, Continuous Integration and Delivery(CI/CD).

Experience in implementing effective strategies for N-Tier application development in both Cloud and On-premises environments. Experience in Automation for improving Productivity & generating Cost Containment System.

## Work History

2020-02 -

Current

### Sr Engineer

*Bharti Airtel Pvt Ltd, Noida, Uttar Pradesh*

- Experience in writing Infrastructure as a code (IaC) in Terraform, Azure resource management, AWS Cloud formation. Created reusable Terraform modules in both Azure and AWS cloud environments.
- Introducing Self Heal Automation for complete Postpaid stack using ServiceNow REST APIs, Python, Shell script and Ansible, achieving coverage of Customer care journey & Cloud Operations by 81%.
- Collaborate with peers as a Subject Matter Expert (SME) on Cloud, Datacenter Technologies, Automation, Infrastructure as a Service (IaaS), IaC, SysOps, and DevOps.
- Hands on experience in Architecting & Implementing Azure Service Offering & Azure Virtual Networks (VNETs), subnets, Azure network settings, DHCP address blocks, DNS settings, security policies and routing.
- Implemented CI/CD pipeline in both cloud & on-premises with GIT, Sonarqube, Docker, Maven, Nexus & used Jenkins Pipelines to drive all Micro services builds out to the Docker Registry and then deployed to Kubernetes.
- Designed ELK stack for all Project Applications.
- Automated DevSecOps Manual tasks to Automation Pipeline using Coverity, AppScan, Anisble & Jenkins tools.
- Configured Telegram Bots & Alerting for monitoring of Infra tools and deployments using Python.
- Designed Self-Service Portal for Users on Service Now using Python Django Framework.

2018-07 -

2020-01

### Techops Engineer

*Paytm E-Commerce Pvt Ltd, Noida, Uttar Pradesh*

- Designed, configured & managed Public/Private Cloud infrastructure utilizing Amazon Web Services(AWS) including EC2, Auto-Scaling in launching EC2, Elastic Load Balancer, Elastic Beanstalk, Cloud Front, Lamda, Lightsail, VPC, S3, Cloud Watch, Cloud formation.
- Created different S3 lifecycle polices to archive the data

Very Good

JIRA

Good

Hive

Good

MySQL

Very Good

## Languages

English

Very Good

Hindi

Very Good

Punjabi

Good

to Glacier based on Organization policies.

- Configured Identity & Access Management (IAM) roles to securely manage the AWS environment & provisioned the Users & groups in AWS environment according to requirement.
- Experienced in branching, merging, tagging & maintaining the various across the environment using SCM tools like GIT.
- Experienced in Ansible Tower, which provides an easy-to-use dashboard & role-based access control & in developing Ansible playbooks for managing the application/OS configuration files.
- Troubleshooting & debugging of production issues/outages, driving & implementation of RCA's, provide day to day support to developers/engineers/QA & automate routine task.
- Installation of Docker engine and provisioning Docker Containers.

2016-02 -  
2018-07

### SERVICE DELIVERY SPECIALIST

*IBM INDIA PVT LTD, Noida, Uttar Pradesh*

- Daily monitoring of possible telecom frauds occurring due to technical weakness or defects to ensure detection as early as possible.
- Automating manual tasks using Shell Scripting so that efficiency could be brought in current processes.
- Designing Rule-based system to detect any Telecom fraudulent activity.
- Designing and Managing Organization Infra Performance Report on daily basis for External & Internal Management.
- Ensuring Turnaround Time for issues by Business Users are maintained as per agreed contractual SLA.
- Daily interaction with On-Site and External Parties & supporting them in resolving their day to day issues and queries.
- Support in re-engineering of on-going process so that further fraud propagation could be prevented.

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## Education

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2010-09 -  
2014-06

### Bachelor of Technology (B.Tech): Electronics & Communications

*Maharishi Markandeshwer Group of Institutions - Ambala, Haryana*

2009-04 -  
2010-03

### SENIOR SECONDARY: Non-Medical

*P.K.R JAIN SR. SEC. PUBLIC SCHOOL - Ambala, Haryana, India*

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## Accomplishments

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Aug-2021: Certificate of Appreciation for Exceptional Performance by Airtel CIO.  
Aug-2020: Awarded for Best Innovative Idea in Airtel.  
May-2018: Awarded as Rock-Star for best Performance in Paytm.  
Feb-2018: Awarded as Rising Star for Great Ideas and Good Performance.

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## Certifications

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2020-10	AWS Certified Solutions Architect
2020-12	Microsoft Certified: Azure Administrator Associate
2021-05	Certified Kubernetes Administrator

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## Hobbies

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Playing Chess and Dancing.