

# Anuj Kishor

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H/no - 95B Punit Niwas, Bibigunj, Tarigodam, (Near City Point) Danapur, Patna 801503

## WORK EXPERIENCE

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### Sungard Availability Services

January 2019 — Present

#### *Infrastructure Management/Devops*

Job Responsibility:

Developer:

For the starting few months worked as a Python Developer:

- REST API development(CRUD Operations, API Authorization, API Schema validation, Viewsets),
- Build CLI for the Project , Working with Jinja Templates

DevOps Engineer:

Implementation of CICD using Jenkins.

- Creating and managing the Jenkins Pipeline and Jobs
- Maintaining code hygiene (Analyzing the Pull Request, Checking the Lint score)
- Maintaining the code build

Docker based deployment

- Automate Docker containers creation and Deployment on the specific VM (With the help of inventory),
- adding the volumes to containers.
- Automate building docker images from Dockerfile with the required python packages, and pushing it to
- private registries
- Authenticating private registries (Secure and Unsecure docker registries)
- Docker storage (Device Mapper & Overlay)

Implementation of Kubernetes based deployment.

- Setting up Kubernetes cluster with the Master and Worker Nodes
- Creating and Deploying stateless services, Configfiles for different services(Pods), ConfiMaps based on
- environment (Production, QA, DEV), Secrets (Encoding and Decoding the secrets using base64)
- Deploying StateFull sevices with the help of Helm Charts
- Attaching Physical Volumes to the Pods and Physical Volume Controller
- Creating Namespaces and assigning Pods accordingly
- Assigning readinessProbe and livenessProbe to the Pods

Version Control

- Managing the Branching Strategy for the project
- Writing scripts to creation and merging of feature branch to the master and develop
- Managing the release branch and adding version, tagging

## Ansible

- Writing Ansible scripts to automate the Docker Image creation for the services
- Writing Ansible scripts to automate the Docker container creation and Deploy for the services
- Writing independent Ansible roles
- Ansible scripts to automate Kubernetes pods, Services, Ingress, etc creation and deployment

Writing Python, Shell scripts for automation.

Virtual Machine management from vSphere. (7.0.1)

## QUALIFICATIONS

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Udemy Completion Certificate - Git Complete The definitive step-by-step guide to git

## EDUCATION

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|               |             |
|---------------|-------------|
| Matriculation | 2008 — 2009 |
|---------------|-------------|

*D.A.V Public school, Khagaul, Bihar*

|              |             |
|--------------|-------------|
| Intermediate | 2011 — 2012 |
|--------------|-------------|

*Adarsh Vikash Vidyalaya, Khagaul, Bihar*

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|----------------------------|-------------|
| Under-Graduation BCA (62%) | 2012 — 2015 |
|----------------------------|-------------|

*St. Xavier's College of Management & Technology, Patna Bihar*

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|---------------------------|-------------|
| Post-Graduation MCA (65%) | 2016 — 2019 |
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*I.M.E.D (Bharati Vidyapeeth To Be Deemed University), Pune*

## REFERENCES

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References available upon request.