Himanshu Dwivedi
(Senior DevOps/Python Engineer)

Mobile No. : +91- 9901035452/6360182529

Email Id: himanshud1992@gmail.com

PROFESSIONAL SUMMARY

Having **5+ year** of exp. as DevOps engineer, dedicated to optimization experienced, understands the melding of operations and development to quickly deliver code.

Extensive experience in the design and implementation of fully automated Continuous Integration, Continuous Delivery and DevOps processes for agile projects across the Financial, E-commerce, Supply-chain and Transportation domain.

Over **5+** years' relevant experience encompassing DevOps and Python.

WHAT CAN I DO FOR YOU?

I will bring clarity to your technical vision and make it reality. My job is to contribute in service and technology that greatly enhance the productivity, overcome the solution delivery complexity by automating infrastructure and software development life cycle phases which also ensure the continuous integration, continuous delivery, and continuous deployment across the firm which will also mitigate the all possible risks very efficiently.

The most important thing to me is that you have the visibility of all software development life cycle. I will also help you in optimizing infrastructure configuration management.

I am dedicated to optimization experienced DevOps Engineer understands the melding of operations and development to quickly deliver code to customers and has experience with the cloud and monitoring processes as well as DevOps development in Linux system.

EXPERIENCE AS STAKEHOLDER MANAGEMENT

- Roles and responsibility include setting up the Daily scrum call with the stake holder for understanding the business and new requirements
- Understanding the workflow of an existing applications and brain storming with stakeholders for further optimization
- Proactively involved in resolution of given problem.
- Knowledge transfer to BAU teams on the overall workflow and giving clear understanding of technical details which involved in the project
- Involved in Documenting the workflow of applications

CORE QUALIFICATIONS

- Strong use of **Shell/Python scripting** including **BASH** for Linux systems
- Built desktop application in **Python**
- Hands on configuration management – **Ansible**
- Hands on **CI/CD** stack**(Jenkins, Git, Maven, Sonarqube, Artifactory, Docker and Kubernetes)** integration
- Complete knowledge of project lifecycle

WORK EXPERIENCE

EPAM SYSTEM   19/09/2019- Till Present

Client: Uber
DevOps Practices : Container Orchestration, CICD, AWS | Technologies : Java, GoLang, Python
Tools : Phabricator, Prometheus/M3QL, Jenkins, Mesos, Kubernetes, Kafka, HDFS, Hive, Grafana, ELK and other Inhouse tools
Role: Senior DevOps Engineer

- Lead the SRE-Lab(R&D on new technologies which can help customers to grow their business by zero downtime, 10X monitoring) from Bangalore region within EPAM System
- Production experience with managing deployments and on-call responsibilities for web-services supporting 5K+ QPS, 10K+ events per second, $1B+ transactions, and systems process 10TB+ data
- Design and implement fully automated CI/CD pipelines
- Monitor, debug, and enhance pipelines for optimal operation and performance
- Troubleshoot, conduct root cause analysis, and resolve a majority of the production issues
- Handle escalation management of production issues
- Provide quick, reliable, and easy to interpret script results and dashboard reports to raise awareness of operational overhead
- Setup development, staging, demo, and production environments
- Collaborate with cross-functional team members to improve the overall team velocity
- Key Developer of DevOps Team and collaborating with other developers for improving the DevOps Model
- I am also managing and handling all the Scrum Master responsibilities

O9 SOLUTIONS MANAGEMENT INDIA PVT. LTD   08/04/2019- 09/08/2019

Role: DevOps/Software Engineer(R&D)

Environment: C#(.Net), AWS, Azure (Azure DevOps), GCP, MongoDB, Ansible, Docker, Hadoop, tfs, Python, Shell, Linux, Windows-2016/12, PowerShell, Ubuntu

- Hosted mediawiki application from scratch on aws
- Provisioned the resources required for mediawiki through ansible
- Created an environment for unit testing and integrated with Jenkins CI/CD pipeline
- Developed Python code to generate TFS unit tests cases checked in report build wise and start/end date wise and configured the same with Jenkins

KPMG INDIA   05/12/2016 – 05/04/2019

Client: Goldman Sachs

Role: Team Lead, Consultant/DevOps Engineer

Environment: Java, maven, RHEL-6, Jenkins, Git, Shell/Python script, Ansible

- Currently engaged in archival of the regulatory data.
- Enhancement of the current ongoing archival process.
- Experienced working as a Python backend developer
- Delivering the Automation of the archival process which manages the risks efficiently using Shell script and Python.
- Implementing monitoring and reporting solutions across a range of environments and platforms

- Setting up the new process for the storing the data.
- Responsible for carrying out the internal certification to ensure that all the entities are compliant.
- Logs crunching and crawling to broadcast stats in Dashboards.
- Ensuring smooth processing of the regulatory data.
- Playing a lead role in improving the data quality.
- Involved in server migrations.
- Created and maintained fully automated CI/CD pipelines for code deployment using Git, Jenkins, maven, and Ansible
- Analyzing Perl scripts and converting them into Python
- Debugging legacy regulatory archival platform written in Java

JUST DIAL Pvt Ltd.   25/06/2015 –04/12/2016

Role : DevOps/Linux System Administrator

Environment: Jenkins, RHEL, SVN, Ansible, Solaris, Linux, LB, AWS, Docker

- Maintenance and administration of systems software, applications software, and all configurations
- Analyzing logs using grep, awk, and sed command and identifying potential issues on live production servers and recommend ways to optimize performance and provide solution and prepare reports for all such problems
- Automation of day to day tasks and production processes by making customized bash scripts using AWK, Sed and maintaining existing script
- Performing administrative tasks including MySQL data backups and restoration of databases using mysqldump utility and configuring mysql Master-Slave.
- Deploying code to production server.
- Monitoring of production servers 24*7 using Nagios monitoring tool and resolving issues if any occurred as 24*7 production support.
- Configuration of Nagios monitoring tool.
- Implemented mini GUI- Tkinter for daily operations and maintenance activities
- Experience with package management (rpm, apt, yum).
- Troubleshooting issues on live production servers and ensuring that the services are up and running.

MAJOR PROJECTS

- **Leading Bank of US (Bangalore) – Regulatory Records Retention:** Leading the managed services engagement to provide data solutions for existing regulatory record retention systems. Solution architect for platform migration from Solaris to Linux server (bare-metal to DC hosts) including version upgrade of Sybase and DB2 databases. Responsible for solution design for upgrading the legacy systems with Big data technology using Data Lake. I have also delivered the automation to manage the risk efficiently.

- **E-Commerce – Just Dial Ltd:** This is also known as India's first local search engine. Participated in building the infrastructure of production website and implemented the same using DevOps technologies like Jenkins, Git, AWS and Ansible.

- **ERP – Handicraft Management System:** Developed ERP projects for a handicraft company named DesignCo

Other Projects
- o Experienced working as Alexa Developer
- o Experienced working as Python Backend Developer

TECHNICAL SKILLS

TECHNICAL PROFICIENCY	MY EXPERIENCE
Scripting Languages	Python, Shell
Monitoring tools	ELK- Stack, Nagios
Container Service	Docker and Kubernetes
Cloud Infra	Basic understanding of AWS – EC2, boto3, AWS CLI, S3, VPC, ELB, RDS, CloudWatch, IAM, Security Group
Databases	MySQL, db2
Web Servers	Apache , Nginx
Platforms	Windows XP, VISTA, Linux (Ubuntu, CentOS, Redhat Fedora)
Framework	Understanding of Django
Programming Language	Python
Other tools	Ansible, Jenkins, SonarQube, Github, HAproxy, Nagios, JIRA, Confluence, MediaWiki, Jfrog, basics of terraform

CERTIFICATIONS

- Certified in Kubernetes from Cousera(Google)
- I have taken many courses from Udemy
- About to complete Kubernetes Application Developer(CKAD) certification

ACHIEVEMENTS

- Awarded in state level Drawing competition
- Member of Cricket team in JUST DIAL and KPMG
- Awarded as "Super Team" in KPMG

ACADEMIC DETAILS

- MCA (Masters of Computer Application) from A.K.G Engineering College, Ghaziabad
- Class XII from UP Board in 2009
- Class X from UP Board in 2007

DECLARATION I hereby declare that the information furnished above is complete and true to the best of my knowledge

(Himanshu Dwivedi)