**OmDutt Pathak**

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| **Education** | **Graduate (Bachelor of Arts)** |
| **Certification** | **Kubernetes, Rancher, Red Hat Linux 6** |
| **Other** | **DevOps Training, Kubernetes Training, Red Hat Linux training** |
| **Career Experience** | **Having 8.6+ years of experience as Senior DevOps Engineer with Kubernetes specialization.** |

**ORGANIZATION WORKED IN**

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| **Company** | **Designation** | **Duration** |
| NEC Technologies, Noida | Technical Lead | September-19 To Till Date |
| UnitedHealth Group, Noida | Senior Infrastructure Operation Engineer Analyst | May-18 To August-19 |
| NTT Data, Noida | System Admin Analyst | August-17 To May-18 |
| Wipro Technologies(Pay Roll- Think Apps Solutions), Noida | Admin – Server management | December-16 To August-17 |
| IT Brains Technologies Pvt Ltd, New Delhi | Linux System Administrator | May-13 To November-16 |

**COMPUTERS WORKED ON**

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| **Management** | Ownership & accountability, Team Management, Project planning ( Including SRS, Design document, setup plan, use cases etc.). |
| **Technology** | Kubernetes Environment, Data Center – DC/DR, Unix, Windows, Virtualization, PaaS, Shell Scripting, CI/CD, Version control, Database, Monitoring, Web-App, DevOps, Programing |
| **Software** | Linux, Windows, VMware, AWS, Openshift, Kubernetes, Rancher, Docker, Jenkins, GIT, Puppet, Ansible, Bash, MySQL, NGINX, J-meter, Python, Keycloak |
| **Concept** | Installation and configuration: - Linux/Windows/Mac Operating System, Docker, VMware/KVM/Virtual Box, Kubernetes Standalone cluster, Kubernetes High availability cluster, Kubernetes multi-site cluster, Open shift cluster, Git Lab etc. |
| End to End Deployment: - Setup Git Lab, creating & managing repository on Git Lab, Configuring CI/CD pipeline and managing version control using GIT and Jenkins, Setup containerization, and components orchestration, Troubleshooting, scripting and writing playbooks, Python scripting. |
| Kubernetes specialization: - creating and managing yaml files, Scaling/Descaling, rolling update, Pod Deployment and configuration management.  Security: - Pod Security Policy, Network Policy, RBAC, Namespace isolation, Kubeconfig, Role binding etc. |

**CAREER PROFILE**

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| **Company** | **NEC Technologies** |
| **Period** | September-2019 – Till Date |
| **Position & Responsibilities** | Working as a **Technical Lead (DevOps)**. Responsibilities to leading team technically, troubleshooting, Managing CI/CD Pipelines and whole project as a lead. |
| **The Project** | NEC Technology is Japanese company. Which provides “Solutions for Society” that promote the safety, security, efficiency and equality of society. Working on UIDAI project, their components to containerize, orchestration and automate using DevOps:  - Created Docker files for every components and application and modified and enhanced existing configuration file.  - Review/verified of existing configuration and Docker files created by team.  - Converting Docker files into yaml files or making yaml files for orchestrating application using kubernetes,  - Deploying application/components into different format as required like Deployment, Statefulset etc.  - Configuration and management of pods web app, application, setting auto scaling replicas and others.  - Troubleshooting and finding route cause as per the issues.  - Creating CI/CD pipeline and configuration and maintain version control using Jenkins and GIT.  - Applying access control for team member on GIT, Jenkins, Kubernetes cluster as required.  - Managing and configuration kubernetes cluster using rancher management tools and OpenShift.  - User management and permission on cluster level for team and all user as required.  - Troubleshooting technical challenges on lead level and assistance team to solve challenges technically and non-  - technical as well.  - Daily sync up with team and meetings with client and management, delivering project work to management and client.  - Created SRS (Software required specification) and Design document and evaluating project requirement.  - Helping other teams technically and non-technical as per requirement.  - Creating and managing branches for every one team as their requirement with permission and ensuring pipelines  - synced with version control on daily basis.  - Creating Ansible playbooks, shell scripting for applying and enhancing work on project application. |
| **Languages & Software** | Python, Bash, Linux, Kubernetes, Openshift, Rancher, Docker, Jenkins, GIT, Ansible, MySQL, SQL, PostgreSQL, Ceph Storage, Keycloak |
| **Work Location(s)** | Noida, India |

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| **Company** | **UnitedHealth Group** |
| **Period** | May 2018 – Aug 2019 |
| **Position & Responsibilities** | I worked as **Senior IO Engineer analyst (DevOps)**. Responsibilities to server/app provisioning and configuration, troubleshooting, Decommissioning. Managing CI/CD Web Apps. |
| **The Project** | United Health Group is 5th on the Fortune 500 Company. UnitedHealth Group offers two operating business UnitedHealth Care and Optum, both subsidiaries of UnitedHealth Group., I worked following:  - Automation of several infrastructure processes namely Continuous Deployment, Application Server setup,  - Stack monitoring using Ansible playbooks and had Integrated Ansible with Jenkins.  - Worked on Ansible as Configuration Management tool to automate the redundant tasks,  - Container management using Docker by writing Docker files and set up the automated build on Docker Hub.  - Configuration and management of pods web app, application,  - Troubleshooting and finding route cause as per the issues.  - Creating CI/CD pipeline and configuration and maintain version control using Jenkins and GIT  - Orchestrated Docker container cluster using Kubernetes/ Openshift  - Provisioned Server and deployed features using Puppet/Ansible. Python Scripting  - VMware, OS Installation, configuration, clone template vMotion etc.  - Handled access control and plug-in installations, configuration of Distributed build using Master-Slave methodology in - Jenkins to achieve Continuous Integration and Delivery (CI/CD).  - Setup automated process for source code builds and deployments using Jenkins Continuous Integration tool.  - Branching, Tagging, Release Activities on Version Control Tools: Git  - Worked on Micro-services for Continuous Delivery environment using Docker and Jenkins  - Configuration and management web application using pod with kubernetes.  - Experience deploying and maintaining multi-container applications through OpenShift. |
| **Languages & Software** | Python, Bash, Linux, Kubernetes, Openshift, Docker, Jenkins, GIT, Ansible, MySQL, SQL, |
| **Work Location(s)** | Noida, India |

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| **Company** | **NTT Data** |
| **Period** | August 2017 – May 2018 |
| **Position & Responsibilities** | I worked as **System Admin-analyst**. My responsibilities were Troubleshooting and delivering servers/webapp on demand. Creating Manifests and configuration web app |
| **The Project** | NTT data have multiple clients in United states. I worked following:  - Work on ITIL standards. Using BMC remedy ticketing tools  - Solving Technical Problem, Installing and configuring OS and Packages. Red hat Linux, version 6 and 7  - Container management using Docker by writing Docker files and set up the automated build on Docker Hub.  - Configuration and management on all directory and file as per the requirement for users.  - VMware servers and physical servers Working on remote servers on client side  - Created shell scripts and worked on existing scripts as per business demand.  - Worked with Local repository and GitHub.  - Creating and managing playbook in Ansible. Applying new rules in IT environment as per daily requirements,  - Solving Technical Problem, Installing and configuring OS and Packages using playbooks in Ansible  - Managed Docker Orchestration and Docker Containerization using Kubernetes  - Solving the issues which Developers get while committing changes and pull/push in version control merge conflict etc.  - Configuration and management branching in Version control created by Developer. And solving Version control issues  - Web app server deployment and web hosting.  - Creating & configuration VM machines VMware environment.  - Handling the issues with Continuous integration and continuous delivery pipeline using Jenkins.  - Creating pipeline and providing pipeline solutions as Developer required.  - Has Installed & configured Jenkins tools in environment.  - Worked on Master and Slave in Jenkins and configured. |
| **Languages & Software** | Bash, Linux, Windows, Docker, Puppet, NGINX, BMC remedy, Service Operation Manager (SOM), ESXI |
| **Work Location(s)** | Noida, India |

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| **Company** | **Wipro Technologies (Payroll of: Think-Apps solutions Pvt. Ltd.)** |
| **Period** | Dec 2016 – Aug 2017 |
| **Position & Responsibilities** | I worked as **Admin – Server management**. My responsibilities were provide server level support (Data-center) as to all Linux and Docker and Version control system etc. |
| **The Project** | MTS company which provides Data bandwidth and Telecommunication across India. I worked following:  - Work on ITIL standards.  - Red hat Linux, Solving Technical Problem, Installing and configuring OS and Packages.  - Creating and editing users and group according to requirements. Updating OS and patch management.  - Configuration permission on all directory and file as per the requirement for users. Taking Data backup on daily basis.  - VMware servers and physical servers, HP and IBM chassis, ILO, Windows server2008 etc. Kernel Tuning  - Managing proxy, reverse proxy, DNS  - Configuration and management NGINX services.  - Management of virtual Linux servers with VMware.  - Basic shell scripting, run level and service management  - NIC Bonding configuration and troubleshooting on network related issues.  - Maintained Git Workflows for version control (Source Code Management)  - Container management & provisioning using Docker. Port forwarding/mapping for expose the services as requirement.  - giving support on containers and networking part in Docker environment.  - Managing and creating manifests in puppet as required. Applying new changes on multiple nodes.  - Handling Docker files, images and container configuration part  - Monitoring and configuring using Nagios tool. |
| **Languages & Software** | Linux/ Unix, Windows, HP Data backup tools, Nagios, NGINX, Docker, GIT, and Puppet. |
| **Work Location(s)** | Noida, India |

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| **Company** | **IT Brains Technologies Pvt Ltd** |
| **Period** | May 2013 – Nov 2016 |
| **Position & Responsibilities** | I worked as **Linux System Administrator**. My responsibilities were as a support executive for Linux systems and servers with Automation tools. |
| **The Project** | IT Brains Technologies is service based company and deals in IT services and online support for ISP, institutes, and firms etc. I worked following:  - Mail server, outlook troubleshooting.  - Solving Technical Problem, Installing and configuring Printers and internet.  - System Integration and general maintenance of hardware and software.  - Handling all application related issues on Desktops, Laptop & LAN  - Remote assistance via internet and intranet.  - Installation of Windows, Linux, Antivirus Updates.  - Data recovery from Hard Disk in the case of data loss.  - Performing server backup and restoration.  - Day to day Linux system admin activities, Implementation and troubleshooting of password policies  - Coordination with various vendors for hardware or software issues  - Support for instances in AWS, configuration and handling instances error while not able to connect etc.  - Creating Shell scripts and Puppet manifests. Applying classes, array and roles and modules.  - Apache web server support while hosting web sites. IP based and name based hosting.  - Looking the Docker files which were created for deploying web application, finding out route causes.  - Containers Health checks etc. |
| **Languages & Software** | Bash, MySQL, Linux, Windows, and Ubuntu. Docker, Puppet, AWS |
| **Work Location(s)** | New Delhi, India |

**PERSONAL DETAILS**

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| **Full Name** | Omdutt Pathak |
| **Date of Birth** | July 5th, 1991 |
| **Sex** | Male |
| **Nationality** | Indian |
| **Contact** | +91 9899984777/877  [omduttpathak@gmail.com](mailto:omduttpathak@gmail.com) |
| **Hobbies** | Watching action & comedy movies, roaming, swimming |

**PASSPORT DETAILS**

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| **Passport Number** | P4735201 |
| **Validity Period** | [Sept 5th, 2016] to [Sept 4th, 2026] |
| **Place of Issue** | New Delhi, India |

**OTHER DETAILS**

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| **Career Level** | 8.6+ Year (Senior Level) |
| **Targeted Job** | Technical Specialist/Senior DevOps Engineer |
| **Current Location** | #Noida India |
| **Interview** | Immediate |
| **Can Relocate** | Yes (Anywhere in the world) |