DevOps Architect	
Candidate Name	Manish Chopra
Current Company	Virtual Employee
Current Designation	DevOps Architect
Current Location/Native	Noida
Education	M.Sc., Computers
Experience	17 Years

Skills	Exp
DevOps Architecture	3+ Years
CI/CD Tools	3 Years - Git, Jenkins
Scripting Languages	Shell - 3 Years, Python - 5 Years
Infrastructure	AWS - 5 Years
Docker	6 Years
Kubernetes	4 Years
Team Management	7 - 8 Years
Ansible	3+ Years
Terraform	2 - 3 Years

Manish Chopra

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Career Summary

- **Experience of over 15 years in delivering IT projects, consulting, and skill development**
- **Implementation and management of modern, scalable IT Infrastructure**
- **Solutions involving DevOps, Automation, Linux and open source**
- **Having a sound technical aptitude, team player, and a quality focused professional**
- **Track record of client engagement, innovation and business transformation**

Work Experience

☐ **DevOps Architect, Virtual Employee Pvt. Ltd. (June 2018 to present)**

- **Working closely with European clients on multiple projects**

- Exploring new technologies, project feasibility analysis and implementation

- **Select assignments accomplished:**

  - Designed and developed test and production solutions

  - Tools including Ansible, Gitlab, Github, Jira, Slack and others

  - Hyper-Converged Infrastructure : Nutanix, VMware, Proxmox and others

- **Winner** of corporate chess tournament organized in Feb 2020

- **Select projects completed**

Project / Client	Description
Microservices Platforms	Established Microservices Compute platforms for client: • Kubernetes Clusters • Docker Swarm Custers
Gitlab with CI/CD	Developed projects available on Gitlab with continuous integration and continuous delivery features.
Nextcloud with Distibuted Storage	Client required to have a web based system for content collaboration and management. Nextcloud was developed with a Distributed File System GlusterFS to accommodate up to 50 enterprise customers. A solution was provided with a combination of Docker-Python-Django-Nextcloud.
Content Management	Delivered customized solutions for content management like Alfresco and OpenKM.
Ansible Automation Projects	**Vyos Router** : Vyos is a network router customized in a virtual machine. I wrote Ansible programs for configuring network interfaces on VyOS VMs deployed in production. **Kubernetes** : Developed Ansible programs for automating Kubernetes cluster deployments.
P2V migration for Exki	Client had Ubuntu 14/16/18 VMs running on traditional IT infrastructure comprising physical machines. This needed to be migrated to Nutanix. Completed a PoC and contributed to production solution deployments.
AI based Chatbot	Delivered an Artificial Intelligence based chatbot that can be customized with AIML text fed by us in the database. Such a chatbot is placed on a website that interacts with users by answering suitably to their queries.
Xen to Nutanix migration	With over 100 virtual machines running on Xen infrastructure, client assigned me the responsibility to provide a solution to migrate them to Nutanix. I provided best practices and solution documents that helped the team accomplish these migrations.
Calystos and Eloy	Calystos is an Exxoss group company that required me to work on a data platform for their customer named Eloy. I worked closely with the client on this to deliver the solutions for their requirements.

OpenVAS vulnerability scanning	Exxoss delegated me the responsibility to manage security scanning of their datacenter network that included over 100 machines in 5 subnets. After deploying OpenVAS, scans are done periodically, analyzed and reports are sent to the client.
Knowledge Transfer to Staff	Delivered multiple training sessions to Exxoss staff on topics like Docker, Kubernetes, Microservices, and Automation among others.
Rubrik Cloud Data Management	A software platform for hybrid cloud enterprises to simplify backup and recovery, accelerate cloud adoption, deliver automation at scale. I worked on architecting solutions involving multiple servers, operating systems, and delivered solutions to the client.

☐ **Genaral Manager, EvantageIT Consulting Services Pvt. Ltd. (June 2015 to Nov 2017)**

- Started as Team lead, promoted to Technical Manager, then General Manager

- Established enterprise practices like Big Data, Cloud, Data Science and Analytics

- Added corporate clients, and led team members on successful project deliveries

- **Select assignments completed**

Technology Areas	Client Name
Cloud Microservices, Docker & Kubernetes	Aricent Technologies
OpenStack Cloud	Ericsson India
HP-UX Unix on Itanium & Storage	HCL Technologies
Big Data analytics deployment	National Informatics Centre, Govt. of India
IT solutions delivery	Indian Institute of Corporate Affairs
Telecom deployments	Mahindra Comviva
Big Data / IBM Big Insights	National Institute of Technical Teachers Training & Research
Big Data, Hadoop and Analytics	Times Internet Limited

☐ **Senior Corporate Trainer - Big Data, Koenig Solutions Limited, New Delhi (May 2014 to Jan 2015)**

- Architecting solutions and recommending strategies to senior leadership

- Completed assignments on Big Data globally for corporate clients

- Large scale projects, case studies, content creation, staff trainings and seminars

- **Select assignments completed**

Technology Areas	Client
Big Data Analytics	Jawwal Telecom, Dubai onsite
Data Science Bootcamp	KITE Innovation Europe
Big Data Bootcamp	Macquarie Bank
Data Science Bootcamp	Spike Services, Abu Dhabi
Cloudera Hadoop	Tata Consultancy Services

☐ **Senior Consultant, NIIT Limited, Gurgaon (April 2012 to Aug 2013)**

- Enterprise Storage portfolio consulting, analysis and presentations

- Worked with key enterprise accounts like Red Hat, HP, and HDS

- **Onsite work in Australia region** for 5 months Hitachi Data Systems to complete multiple assignments

- Transferred to Australia for a few months under 457 Work Permit Visa

- **Select assignments completed**

Technology Areas	Client
Hitachi Storage Foundations	Australian Securities and Investments Commission
Hitachi Network Attached Storage	Commonwealth Scientific and Industrial Research Organization
Hitachi VSP Storage	Department of Treasury
Hitachi HUS-VM Differences	Credit Union Australia
Enterprise Storage Management	Nestle Group
Supporting Hitachi Unified Storage	Revera Hosting Data Services Ltd
Hitachi Unified Storage Provisioning	Department of Sustainability & Environment

☐ **Senior Consultant, PC Solutions Pvt. Ltd. New Delhi (May 2010 to March 2012)**

- IT infrastructure solution design, implementation and team mentoring

- Delivered multiple projects for over 20 customers in 12 countries

- Worked and travelled onsite at locations in Middle-east, Africa, and Sri Lanka

- **Key projects completed onsite**

Month/Year	Client/Location
Sep, 2010	NationLink Dubai, UAE
Dec, 2010	Zain/Airtel Niger
Jan, 2011	MP-APDRP, Jabalpur
April, 2011	Etisalat Sri Lanka
June, 2011	Etisalat Ivory Coast
Aug, 2011	Etisalat Benin
Oct, 2011	Etisalat Niger

☐ **Corporate Trainer, IIHT Ltd. Bangalore (Oct 2007 to April 2010)**

- **HP instructor for education services.** Associated with other enterprise education partners.

- Delivered over 55 corporate trainings at Tier 1 cities in India. Client data center operations.

- **Seminar presentations** on UNIX systems for college audience. Intellectual Property development.

☐ **Software Instructor, Linux Learning Centre Pvt. Ltd. Bangalore (June 2006 to Jan 2007)**

- Corporate trainings on Linux and Open Source. Projects and courseware development

- **Onsite overseas assignment** for a telecom company, Telikom PNG Limited, Papua New Guinea

☐ **Senior Customer Service Associate, IBM Global Services, Bangalore (Sep 2004 to Mar 2005)**

- IT Infrastructure Management and IT Service Management

- Provided technical support for company's global IT infrastructure

☐ **Process Executive, Progeon Limited (Now Infosys BPO) Bangalore (Nov 2003 to Aug 2004)**

- Part of a prestigious client, **Cisco Systems**. Exposure to several networking technologies.

- Customer interaction, technical analysis and support. **Won appreciation from customers.**

Other work experience
2005   Faculty at LuminUs Technology Services, Bangalore. Established a computer laboratory, developed
2003   Completed a project titled "Linux Network Neighborhood" at DeepRoot Linux Pvt. Ltd.
2001   Trainee at Aditya Software Solutions Pvt. Ltd. Bangalore. Human-computer speech interaction projects.
1998   Faculty and Marketing Executive at International School of Computer Technology, Panchkula.

Technical Skills

Operating Systems	UNIX, Linux and Windows.
DevOps	Ansible, Gitlab, Microservices, Docker, Kubernetes, Openshift, ELK etc. Knowledge of Artificial Intelligence, Blockchain, Machine Learning
Open Source	Expertise in integrating solutions - Linux distributions RHEL, SUSE and others - Linux-Apache-MySQL-PHP (LAMP) framework - Open-source applications
Databases	Creating and managing databases. Experience on Oracle and SQL Server. ETL applications, Business Intelligence, and Data warehousing.
Web Technologies	Experience and knowledge of web and application servers. Configuration and management of several web based applications.
Enterprise Storage	Experience on managing enterprise grade storage platform scaling several terabytes.
Networking	Technologies on LANs and WANs. Client/Server, distributed computing. Enterprise network services, security and network tools.
Content Writing	Developed content and study material, including tutorials. Created and contributed content published on intranets and internet.
Data Center	 - Rack deployments with servers, storage, tape and other components - Experience on Intel multi-core Xeon servers and other data center hardware. - High Availability (HA) and HPC Clustering
Cloud Technologies	 - Virtualization using Citrix XEN and VMWare - Cloud solutions (IaaS, PaaS, and SaaS) - Cloud platforms by AWS, Google, IBM, Oracle and Microsoft
Big Data Technologies	 - Big Data deployments using multiple technologies and tools - Experience using Cloudera CDH, IBM BigInsights frameworks - Experience on NoSQL databases

Selected Projects and Assignments (Latest first)

- Delivering projects to European clients **(Feb 2018 to present)**
- Delivered Big Data based assignments to Indian Institute of Corporate Affairs **(Sep 2016 - Dec 2017)**
- Implemented a Red Hat KVM solution on RHEL 7 for India Innovation. **(March 2016)**
- Completed solution integration on NetApp/Solaris at KPMG. **(Feb 2016)**
- Completed solution integration assignments for Vodafone. **(June 2015 to Dec 2015)**
- IT Systems Integration projects as consultant / lead. **(May 2010 to March 2012)**
- Led a team on integrating Global Network Operations Center, Airtel Africa. Had a significant role on architecture comprising several servers, storage, databases etc. **(Dec 2011 to Feb 2012)**
- Led team members on completing datacenter projects in four countries. **(Oct 2011 to Nov 2011)**
- Completed data center integration for Moov-Etisalat at Niger. **(Sep 2011)**
- Completion of data center integration for a telecom major at Benin. **(Aug 2011)**
- Mobile Interactive Voice Response project integration for a telecom major in Ivory Coast. **(June 2011)**
- Data center integration for a telecom major in Sri Lanka. **(April 2011)**
- Designed and deployed a Citrix based cloud solution for remote access. **(Mar 2011)**
- A Business Intelligence based pilot project at Idea Cellular telecom company in Delhi. **(Feb 2011)**
- MP State Electricity Board's data center integration, having 200+ servers, SAN and networking **(Jan 2011)**
- Established solutions for mobile SMS services at Airtel-Zain in Africa region **(Nov-Dec 2010)**
- Completed a 20-server deployment with Linux/Oracle/Tape Backup/HP EVA Storage/VLAN and DR for a Telecom major at Dubai, UAE. **(Sept-Oct 2010)**
- IT Infrastructure integration at Benetton, Gurgaon. **(July 2010)**

- Proof of concept on HPUX-Oracle High Availability, later implemented in several projects **(June 2010)**
- HP Reliable Transaction Router. **(Sep 2009)**
- AvaBill – A Telecommunications Billing Project from Informatics, Sri Lanka deployed on RHEL, with Oracle database. Analyzed and documented migration to RHEL 4. **(Sep 2006)**
- Cross-Platform Computing – A project implementation envisioned for organization-wide deployments that received appreciation and recognition. **(Jan 2003)**
- Voice Navigation System - An application that allows human-computer interaction using speech technology. Led this project for BE graduates from VTU, Bangalore, who received 1st award for it. **(May 2002)**
- Worked on other projects in different capacities.

Academic Qualifications

2015	MBA in International Business from Symbiosis (SCDL) Pune (Aggregate 71%)
2004	M.Sc. in IT under SMU from Alliance Business Academy, Bangalore (Aggregate 70%)
2001	Bachelors degree from Himachal Pradesh University, Shimla
1995	Senior Secondary School, Bangalore (Aggregate 74%)
1992	Higher Secondary School, New Delhi

Professional Qualifications

2020	Certifications on Robotic Process Automation from UiPath
	- RPA Business Analyst
	- RPA Implementation Manager
	- RPA Infrastructure Engineer
	- RPA Solution Architect
2014	Cloudera Certified Administrator for Apache Hadoop (CDH 5). License 100-010-437
2013	VMware Certified Associate - Cloud. License Number 12376488-8936-B1EC6E4AC2FC
2012	Red Hat Certified Engineer (RHCE) on RHEL 6. Certificate Number: 110-753-449
2012	Red Hat Certified Virtualization Administrator (RHCVA). Certificate Number: 110-753-449
2008	HP Certified Professional on HPUX 11i
2006	Red Hat Certified Engineer (RHCE) on RHEL4
2004	NCST from CDAC (Center for Development and Advanced Computing)
2000	Certificate in Computing from Indira Gandhi National Open University, New Delhi
2000	Advanced Diploma in Computer Hardware and Networking from Jetking, Chandigarh
1999	Honors Diploma in Information Systems Management from Aptech, Chandigarh

Past Achievements

2001	Runners up in "Innovative software skills event" in an Inter-College IT festival, Bangalore.
1998	Won gold and silver medals in swimming at district levels and selected for state level.
1994	Won chess tournaments at intra and inter-school levels, later played at district level.
1992	Participation in Junior National Swimming held at New Delhi.

Online Presence

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Linkedin	https://in.linkedin.com/in/manishchopra2
Github	https://github.com/code4public
SlideShare	http://www.slideshare.net/chopramanish

Personal Details

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