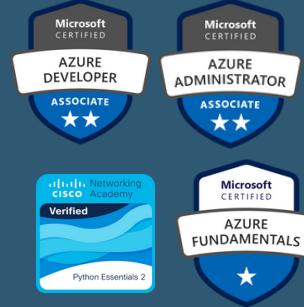# Manojkumar Chittimalla

DevOps Tech Lead, Certified Azure Developer & Administrator

✉ manojkumar.chittimalla@outlook.com

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EXPERIENCE

- **WIPRO** India Pvt Ltd - April 2023 - June 2024 as DevOps Technical Lead
- **HCL Technologies** India Pvt Ltd - Dec 2020 - April 2023 as Senior Cloud DevOps Engineer
- **Genesys Telecom Labs** India Pvt Ltd - Aug 2019 - Dec 2020 as DevOps Engineer
- **DXC Technology** India Pvt Ltd - Jan 2016 - Aug 2019 as Associate Professional

CERTIFICATIONS

- Microsoft certified Azure Fundamentals
- Microsoft certified Azure Developer
- Microsoft certified Azure Administrator
- Cisco Badge - Python Developer
- Udemy Certification - Azure DevOps Engineer Expert.

TOP SKILLS

- Ansible
- Microsoft Azure
- Terraform
- Docker
- Jenkins
- GitHub
- Python
- Kubernetes
- Microservices
- Google Cloud

PROFESSIONAL SUMMARY

- Working as a DevOps Technical Lead at Wipro, Specialized in orchestrating infrastructure automation through DevOps tools Ansible, Docker, GitHub, Jenkins, Python, Kubernetes, Microservices and Cloud Platforms like Microsoft Azure and Google Cloud
- 8.5 years of IT development experience in DevOps Technologies
- I deliver sophisticated automation and auto-remediation solutions to clients, demonstrating proficiency across all facets of the software development and project management life cycle.
- I am adept at developing Ansible playbooks, automating large-scale environments on both Windows and Linux, encompassing on-premises and cloud infrastructures using Ansible and Ansible Tower.
- With certification as a Microsoft Azure Developer, I specialize in managing extensive enterprise applications and implementing continuous integration and deployment methodologies. I excel in creating robust build and release pipelines within Azure DevOps, facilitating the seamless deployment of serverless applications.
- As a Certified Azure Administrator, I am expert in creating and managing Azure resources using Azure CLI and ARM Templates.
- Developed and maintained Terraform modules and scripts to automate the Infrastructure provisioning ensuring consistency, traceability, and security.
- My expertise extends to developing serverless applications, containerizing applications to Kubernetes.
- With experience as a backend API developer, I have successfully deployed APIs in Azure App Services and Google Cloud Platform's (GCP) Cloud Run service, demonstrating proficiency across multiple cloud environments.
- I possess strong scripting skills in Shell, PowerShell, and Python, catering to both Linux and Windows administration.
- My proficiency extends to working with tools such as Jenkins and Git for build management and version control, respectively.
- My current engagement involves spearheading a RHEL migration project, where I apply my troubleshooting acumen and collaborate with stakeholders to resolve post-migration challenges within the Linux platform and automate using Ansible.
- Worked as a product specialist for DevOps alerting tool iLert and integrated it with Microsoft Azure for secure logging & Automations.
- Additionally, I am well-versed in a spectrum of DevOps tools, including Ansible, Docker, GitHub, Terraform, AppDynamics, Confluence, GitHub, Jenkins, JIRA, SCVMM, VMWare, Remedy, OEM, and ServiceNow.

WIPRO WORK EXPERIENCE ○·····································

Role: Azure DevOps Technical Lead
Duration: Apr 2023 - June 2024
Project 1: Cloud services automation for Multinational Banking Client
Team Size: 10
Responsibilities:

- As a service offering team, we provide automation and auto remediation solutions to client.
- we collaboratively engaging with cross-platform Agile development to implementing continuous integration, zero-touch automation, and containerization, with a keen focus on enhancing security in cloud platform Microsoft Azure.
- Managing extensive enterprise applications and implementing continuous integration and deployment, enabling secure logging with SSO and implementing RBAC. creating build and release pipelines for serverless application deployment and scalability. I am actively contributing to the creation and deployment of Azure App Services and leveraging various Azure tools for comprehensive solutions.
- creating and managing Azure resources, administering Active Directory environments, and enforcing security policies. Leveraging ARM templates, Azure CLI, and PowerShell to configure resources and services. comprehensive monitoring of resource health, usage, and costs.
- Utilizing Azure Boards for Agile planning, work item tracking, sprint planning, visualization, and seamless integration with other DevOps services, facilitating efficient project management and collaboration across teams
- Developing Terraform scripts and modules to automate infrastructure provisioning on 1000's of Azure resources, Including virtual machines, storage, networks and serverless applications.
- Developing large scale serverless applications and containerizing applications to Kubernetes.

Technology Stack: Microsoft Azure DevOps, Azure Admin, Python, API development, GitHub, Terraform, Kubernetes.

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Project 2 : Infrastructure automation & RHEL Migration for Multinational Banking Client
Role: EOL Migration Specialist
Team Size: 15
Responsibilities:

- Leading a RHEL9 migration initiative, I orchestrate the migration plan in collaboration with migration and application teams, with migration and application teams, leveraging my troubleshooting expertise to address Pre & post-migration challenges on the Linux platform.
- Streamlining migration processes by automating precheck analysis, including package validation, dependency assessment, impact analysis, and post-migration issue resolution.
- As a Technical specialist, my responsibilities include troubleshooting and resolving issues to uphold system compatibility and reliability standards.
- Crafting Ansible playbooks to automate large-scale environments across Linux platforms, optimizing operational workflows and reducing manual intervention.
- Collaborating with various AIT teams to identify automation opportunities and engineer innovative solutions, achieving 100% elimination of manual efforts and reducing human errors.
- Implementing comprehensive automation solutions using Jenkins and Git for efficient build management and version control, respectively, ensuring seamless integration into existing workflows

Technology Stack: Linux Administration, Ansible, Ansible Tower, YAML, Python, Jenkins, GitHub.

HCLWORK EXPERIENCE o···

Role: Product Specialist

Duration: DEC 2020 - APR 2023

Project 1: Onboarding Enterprise application for Swedish Retail Company

Team Size: 10

Responsibilities:

- Worked as a product specialist for DevOps alerting tool iLert and integrated it with Microsoft Azure.
- Implemented robust security measures by configuring SAML SSO for secure logging into the Enterprise Application iLert and managing RBAC through Azure Ad groups.
- Streamlined user onboarding procedures to iLert by orchestrating automation with JIRA integration, leveraging Microsoft Graph APIs to extract user details and seamlessly add them to Azure AD groups.
- Innovated an Oncall compensation dashboard for clients using iLert APIs, empowering managers to oversee on-call personnel details and approve compensation, seamlessly integrating with Azure DevOps pipelines for Build & Release processes.
- Engineered and configured alert rules in Azure Monitor, utilizing metrics and response time parameters for resource monitoring.
- Orchestrated integrations of iLert with various tools such as GCP, SignalFx, Splunk, ServiceNow, Ansible, AWX and published alerts based on notification preferences like slack, Ms teams, phone call etc.
- Leveraged backend API development expertise to architect REST APIs using Python, deploying them on Azure App Service and GCP Cloud Run Service to achieve optimal performance and scalability.

Technology Stack: Microsoft Azure, GCP, Python, API development, iLert, JIRA, ServiceNow, Splunk, SignalFx.

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Project 2: Infrastructure automation for Swedish Retail Company

Role: Automation office lead

Team Size: 10

Responsibilities:

- Worked as an Automation Office Lead, automated On Premises infrastructure by using DevOps Technologies Ansible, Ansible Tower, Python, Jenkins, Git, Docker.
- Developed Ansible playbooks to automate large-scale environments on both Windows and Linux, using Ansible and Ansible Tower.
- Collaborated with cross-functional teams like Database, LINUX, Windows, Middleware, and Application teams to identify automation opportunities and engineer innovative solutions for automation and auto-remediation.
- Led Automation projects integrating Ansible with AppDynamics, Confluence, Jenkins, and other DevOps tools to achieve seamless data visualization and Zero Touch Automation, eliminating manual efforts by 100% and mitigating human errors.
- Worked on incident automation on ServiceNow. Auto resolving incidents, Auto Healing, and Proactive Healing with Ansible tower

Technology Stack: Ansible, Ansible Tower, Linux & Windows Administration, YAML, Python, Shell, PowerShell, Jenkins, AppDynamics, ServiceNow.

GENESYS WORK EXPERIENCE ○┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈

Role: DevOps Engineer - Virtualization

Project: Infrastructure Provisioning and Automation for Genesys Product

Team size: 7

Duration: SEP 2019 - DEC 2020

Responsibilities:

- Worked on Virtualization Automation, leveraging DevOps technologies to create and manage Virtual Machines within Hyper-V environments.
- Automated the process of Installing, configuring, and provisioning Virtual Machines and applications using Ansible, Docker, Jenkins, GitHub
- Oversaw regular service management and upgrades while troubleshooting system issues to ensure optimal performance and reliability.
- Automated the deployment of Docker containers on virtual machines, optimizing resource utilization and enhancing scalability.
- Utilized JIRA for comprehensive issue tracking, bug management, and agile project coordination, ensuring smooth project execution and collaboration.
- Proficiently handled troubleshooting tasks related to Linux (CentOS, Ubuntu, RedHat) and Windows administration, including DNS and Active Directory Services, to ensure seamless system operation and security.

Technology Stack: Ansible, Docker, Jenkins, GitHub, VMware, Hyper-V, LINUX, Windows, JIRA

DXC WORK EXPERIENCE ○┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈┈

Role: Ansible Developer

Project: Infrastructure Automation for DXC Engineering teams

Duration: JAN 2016 - SEP 2019

Team Size: 12

Responsibilities:

- Collaborated closely with Engineering teams to streamline infrastructure operations through automation.
- Developed Ansible playbooks to automate patch management for both Linux and Windows environments..
- Automated Day to Day activities, Installing and uninstalling packages, software's and security patches across diverse Linux and Windows systems using Ansible.
- Developing playbooks for automating the generation and distribution of comprehensive server health check reports across teams.
- Integrating Ansible tower with GitHub
- Created Templates, Credentials, Projects in Ansible tower

Technology Stack: Ansible, Ansible Tower, YAML, Shell, PowerShell, Linux & Windows

EDUCATION & PERSONAL PROFILE

CBIT - OSMANIA UNVERSITY

Bachelor of Engineering, Information Technology - JUNE 2012 - APRIL 2015

VMR POLYTECHNIC

Diploma in Computer Engineering - JUNE 2008 - APRIL 2011

LF HIGH SCHOOL

High School - JUNE 2007- APRIL 2008

LOCATION: HERNDON, VA - USA