

## Contact

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## Top Skills

Artificial Intelligence (AI)  
GenAI  
Prompt Engineering

## Certifications

Learning Linux Command Line  
IBM Data Science Specialization  
PCEP – Certified Entry-Level Python Programmer  
Jenkins  
DevOps Pre-Requisite Course

# Mohit Tejsinghani

Senior Software Engineer at BGSW | Certified Kubernetes Administrator | DevOps Enthusiast | Expertise in Kubernetes, ArgoCD, and CI/CD  
Coimbatore, Tamil Nadu, India

## Summary

I'm a Certified Kubernetes Administrator and DevOps professional with over five years of experience helping organizations build reliable, scalable, and secure IT systems. My expertise spans Kubernetes, OpenShift, and DevOps tools like ArgoCD, Jenkins, and Ansible, allowing me to automate workflows and optimize application deployments.

In my current role at Bosch Global Software Technologies, I've streamlined Kubernetes deployments, integrated Hashicorp Vault for secure secrets management, and implemented ArgoCD to simplify CI/CD pipelines. Additionally, I have hands-on experience with IBM ClearQuest, where I managed installations, configurations, and schema administration on both Windows and Linux platforms. Migrating PERL scripts to Python and leveraging databases like Oracle SQL, I've improved system efficiency and ensured seamless application functionality.

Looking ahead, I aim to continue leading transformative projects, enhance IT infrastructure, and help businesses achieve their goals through automation and technology.

Let's connect to exchange ideas, collaborate on DevOps initiatives, or explore opportunities to work together!

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## Experience

Bosch Global Software Technologies  
4 years 8 months

Senior Software Engineer  
January 2023 - Present (3 years 2 months)  
Coimbatore, Tamil Nadu, India

Managed Kubernetes and OpenShift environments, ensuring scalability and high availability.

Implemented Argo CD with Jenkins and Helm charts, reducing deployment time by 30%.

Optimized OpenShift clusters through precise scaling and automated deployments using YAML.

Improved security by integrating HashiCorp Vault with Terraform and Jenkins for seamless secret management.

Enhanced application performance by deploying the PostgreSQL OpenShift Operator.

Applied Certified Kubernetes Administrator (CKA) expertise to increase operational efficiency by 25%.

Conducted training sessions on Kubernetes and Argo CD, upskilling teams and streamlining workflows.

## Software Engineer

July 2021 - December 2022 (1 year 6 months)

Coimbatore, Tamil Nadu, India

Extensive experience with IBM ClearQuest, delivering digital solutions projects effectively.

Installed and configured Oracle Database, WebLogic Middleware, Oracle HTTP Server, and IBM ClearQuest on Windows and Linux environments. Proficient in Source Code Management tools, including Git and IBM ClearCase.

Migrated scripts from Perl to Python, developing all new scripts in Python. Skilled in Oracle SQL and MySQL for creating and managing ClearQuest schemas.

Conducted Integration and Unit Testing, ensuring functionality during transactions.

Debugged applications by analyzing front-end and back-end logs, Request/Response APIs, and performing Root Cause Analysis.

Developed Change Requests to support ClearQuest rollouts and upgrades.

Created Splunk and Grafana dashboards to monitor and optimize the ClearQuest environment.

## Cognizant

2 years

## System Engineer

December 2019 - November 2020 (1 year)

Chennai Area, India

Assisted in upgrading Windows OS from 2008R2 to 2012 for multiple servers, enhancing upgrade processes via In-Place and SCCM methods.

Built Windows 2016 servers for clients with compatibility issues for 2012.

Analyzed server and business requirements before migration, ensuring smooth transitions.

Managed server upgrades, including downtime coordination, troubleshooting, and post-upgrade verification.

Automated server info gathering with PowerShell scripts for multiple servers.

Performed In-Place upgrades for various servers, including application, DB, file, and print servers.

Conducted post-upgrade checks, including IP validation, license activation, and user access.

Recognized for automating CPU and memory info gathering, improving client reporting.

#### Engineer trainee

December 2018 - December 2019 (1 year 1 month)

Chennai, Tamil Nadu, India

Performed geographical Datacenter and vSphere platform migration to version 6.7 using Platespin and Native Migration tools.

Managed Datacenter migrations (P2V & V2V) with various migration tools.

Automated ESXi host migration with PowerCLI, transitioning from vDistributed Switch to vStandard Switch.

Successfully upgraded VCSA 6.7 u1, ESXi 6.5 u2, and ESXi 6.7 hosts.

Migrated VMware virtual machines using SvMotion Method or Shared LUN via PowerCLI.

Upgraded ESXi hosts from version 5.x to 6.x using Update Manager and command-line methods.

Utilized Update Manager for device driver, firmware upgrades, and VMtools updates.

Collaborated with vendors to troubleshoot vSphere-related issues.

Adhered to VMware best practices for maintaining a stable environment.

Coordinated with multiple teams for daily VMware environment support, including patching and issue resolution.

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## Education

Rajiv Gandhi Institute of Technology, BANGALORE

Bachelor of Engineering, Computer Science · (2014 - 2018)