



VINAY HEGDE
Sr. Professional,
DEVOPS



📍 Bangalore

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Achievement-driven professional targeting challenging assignments in DevOps/ Build Automation with an organization of repute

Devops | DevSecOps | Kubernetes | Docker | CICD | Infrastructure as Code | Python Scripting

CORE COMPETENCIES

- **Container Orchestration**
Docker, DockerSwarm, Kubernetes, Helm Charts
- **Cloud Computing Services**
Oracle Cloud Infrastrcure, AWS
- **Scripting/Data serialization**
Python, Perl, YAML & JSON
- **Monitoring Solution**
Prometheus & Grafana
- **Continuous Integration**
Jenkins
- **System Deployment/Infra Automation**
Ansible & Terraform
- **Build Automation**
Gmake, Omake, Maven, MSBuild
- **Version Control Management**
GIT, ClearCase, TFS

PROFILE SUMMARY

- A passionate Cloud DevSecOps professional with IT experience of 15 years
- **Certified Kubernetes Administrator (CKA)**
- **Docker Certified Associate (DCA)**
- Oracle Certified **Associate Oracle Cloud Infrastructure (OCI) Architect**
- Drove, designed, implemented, and maintained **deployment automation** from code check-in to production; supported development activities in all features in **Continuous Integration Platform** and managed all operational activities related to **DevOps systems**
- Capable of **effectively communicating** for technical issues with Vendors, and Development, QA, Release Engineering Teams
- Experience in continuous integration and continuous delivery framework like **Jenkins**
- Skilled in **automating build & deploying activities** of applications on various environments using any automation build and deployment tools
- Familiar with **Software Development Lifecycle (SDLC)** using the Agile methodology right from requirement analysis, documentation coding & testing, release & deployment, post deployment maintenance

ORGANISATIONAL EXPERIENCE

Oracle India Pvt Ltd., Bangalore

Aug'18 – till date

- **Division:** PeopleSoft
- **Role:** Principle Software Engineer, Devops

Key Result Areas:

- Set up and manage Docker containers, for deployment into Kubernetes Pods.
- Configure self hosted **Kubernetes cluster** & as well as on **AWS EKS**
- Write Kubernetes resource specifications, network policies & RBAC.
- Automate Software configuration in Build Servers using Ansible
- Develop/Design System Monitoring Dashboard using **Prometheus & Grafana**
- Migrate existing infra & build process to **OCI** (Oracle Cloud Infra)
- Managing the build process for multiple concurrent releases
- Design and configure continuous integration build system
- Overseeing and ensuring timely software build & releases for organizations
- Performing build automation & support for various subsystems, which use **Python, PHP & Gmake** on different platforms like **Oracle Linux, AIX, HP, Solaris, ZOS & Windows**
- Generate deployment kits using Python & Puppet

Philips India Ltd., Bangalore

Jun'11– July'18

Joined as Technical Specialist & rose to the position of Specialist II - DevOps

Key Result Areas:

- Building, deploying, automating and configuring **DevOps** IT solutions
- Managing the build process for multiple concurrent releases
- Maintaining various software feature branches using Version Control System
- Designing and configuring continuous integration build system through collaboration with development and IT teams
- Overseeing and ensuring timely software build & releases for organizations
- Building automated deployments through the use of configuration management technology; deploying new modules and upgrades and completing fixes within the production environment
- Building and supporting:
 - Custom tools that facilitate development and QA teams
 - Automation for deployment of various components of the product ecosystem

Major Projects:

- **Division:** CT, Healthcare
- **Role:** Specialist II - DevOps
- **Period:** Feb'18 – Jul'18
- **Responsibilities:**
 - Ensuring source code maintenance using the version control tool- **GIT, SubVersion (SVN) & ClearCase**
 - Facilitating deployment using **Docker**, clustering with **Kubernetes**
 - Performing build automation & support for various subsystems, which use **Python & Ant, in Linux** (Ubuntu) environment
 - Enabling continuous integration using **Electric Commander**
 - Managing product release activities
- **Division:** MRI, Healthcare
- **Role:** Sr. Technical Specialist
- **Period:** Dec'14-Feb'18
- **Responsibilities:**
 - Led development & maintenance of DevOps utilities using, **Ruby, Perl & Python**

- Devised ideas and implemented CI pipeline using **Jenkins**
- Migrated source code from **ClearCase to TFS-GIT**; streamlined build & CI process with TFS & Jenkins
- Facilitated build performance improvement: deep dive analysis & investigation on existing build process in Omake
- Performed POC on distributed build mechanism using **Electric Accelerator & Incredibuild**
- Defined a strategy for assembly referencing in **C# Visual Studio projects** and developed a utility to update the projects, using Ruby & Perl
- Represented DevOps Team in the **SAFe ART** (Agile Release Train)

- **Division:** CGTA, ITApps
- **Role:** Technical Specialist
- **Period:** Jun'11-Dec'14
- **Responsibilities:**
 - Led the implementation of TFS as a ALM solution
 - Performed item customization in TFS for different process templates like CMMI, Agile
 - Facilitated reports customization in TFS
 - Managed build automation using **MSBuild, Nant & Cruise Control**
 - Implemented CI process using **Jenkins & Electric Commander/Flow**
 - Archived restructure of a legacy code base in **ClearCase** and introduced new way of working (process model)
 - Ensured fine tuning & maintenance of website for **auto test system configuration**

Siemens Information Systems Ltd., Bangalore
Senior Systems Engineer

Dec'07-Jun'11

Major Project:

- **Division:** Industrial Automation and Drive Technology
- **Role:** Senior Systems Engineer
- **Period:** Dec'07-Jun'11
- **Responsibilities:**
 - Formulated CM strategies which included branching, labeling, merging, baselining, rebasing
 - Developed & published effective lines of code (ELOC) report to Quality Management (QM) Team
 - Prepared & generated FXCop, PCLint, Simian, code change report and source monitor reports for each build; published all the metrics reports on CM dashboard
 - Wrote build support scripts and automated the build activity for nightly build generation
 - Identified & resolved build errors and coordinated with Development Team to correct the build problems
 - Built the software using Make, Ant and NAnt utilities
 - Released installable media to Testing Teams

Rishi Systems Private Limited, Bangalore
Systems Engineer

Nov'06-Dec'07

Key Result Areas:

- Installed & implemented ClearCase and ClearCase multisite on both Windows and Linux environment at client location
- Delivered & organized ClearCase training
- Defined branching, merging and labeling strategy for the new clients/new projects
- Wrote trigger scripts; performed migration of VSS code to ClearCase
- Established & set-up interop server-client environment using samba/ccfs

ACADEMIC DETAILS

2006 **BE (Electronics & Communication)** from Vishweshwaraiah Technological University, Bangalore

COURSES & CERTIFICATIONS

2022 **Certified Kubernetes Administrator**
2021 **Oracle Certified Associate Oracle Cloud Infrastructure Architect**
2020 **Docker Certified Associate (DCA)**
2017 **AWS Solution Architect** Course from SimpliLearn
2016 **SAFe Practitioner (SP) Certification** through ScaledAgileAcademy
2015 **Ruby on Rails (RoR) Training** (3 months course) through DCT Academy

TECHNICAL SKILLS

Containerization Tools	Docker, Docker Swarm & Kubernetes
Scripting Languages	Perl, Python, Ruby, Shell Scripting
Data Serialization	YAML & JSON
Monitoring Solution	Prometheus & Grafana
Config Management/Infra Automation	Ansible & Terraform
Development Methodologies	SAFe (Scaled Agile Framework)
ALM Tools	ALM GIT, Bitbucket, TFS & GitHub
Source Control Tools	GIT, TFS & ClearCase
Make/Build Utilities	Gmake, Maven, Omake, Ant & MSBuild
DBMS	MS SQL, Oracle DB
Others	Ruby on Rails (RoR) Web Framework, HTML & CSS

PERSONAL DETAILS

Date of Birth: 11th September 1983

Languages Known: English, Kannada & Hindi

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Visa Details: USA Business Visa, valid till 2028