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

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**

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

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

Siemens Information Systems Ltd., Bangalore   **Dec'07-Jun'11**
Senior Systems Engineer

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

Rishi Systems Private Limited, Bangalore   **Nov'06-Dec'07**
Systems Engineer

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 Adminstrator**
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
Address: B-109, Nandi Citadel, Nobel Residency Road, Chandrashekarpura, Akshayavana, Bangalore – 560076
Visa Details: USA Business Visa, valid till 2028