



Arvind Chaturvedi

Senior Software Engineer

Contact

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Skills

Proficient in Pivotal Cloud foundry (V1.9.X - V2.9.X) and Kubernetes

Excellent

IaaS Technology - AWS ,vSphere, GCP, Azure

Excellent

To seek and maintain full-time position that offers professional challenges utilizing interpersonal skills, excellent time management and problem-solving skills.

Work History

2021-05 -
Current

Senior Software Engineer

GE Digital, Bangalore

- Configured/Managed Quotas, Domains, and spaces in Predix platform(GE's distribution of cloud foundry)
- Deployed Bosh director in the Environment managed Bosh releases and Bosh configurations
- Performed trouble shooting on Installation issues, Foundation issues and Application issues
- Performed backup and complete restore of Bosh Deployments using BBR
- Complete analysis of breaking changes, release notes and known issues
- Created SOPs and KEDB articles for the team for Predix, Bosh, Concourse, and Prometheus
- Mitigated a lot of vulnerabilities in the legacy Predix platform.
- Implemented CUPS in order to replace the tile for AppDynamics
- Binded Marketplace services to the applications and created custom Services, which were not present in Marketplace Services

2019-11 -
2021-05

Software Engineer

British telecom, Bangalore

- Installed, Managed, upgraded Pivotal cloud foundry (V2.1.X, V2.2.X, V2.3.X, V2.4.X, 2.5.x, 2.6.x, 2.7.x, 2.8.x, 2.9.x) and their compatible versions of service tiles, on IaaS layers (AWS), and have managed application delivery on Platform
- Configured/Managed Quotas, Domains, and spaces in PCF
- Deployed Bosh director in Environment managed Bosh releases and Bosh configurations
- Performed trouble shooting on Installation issues, Foundation issues and Application issues
- Performed backup and complete restore of Bosh Deployments using BBR

Monitoring/Alerting - Splunk,
AppDynamics, New Relic,
Signal FX, Prometheus,
Grafana, Alertmanager

Excellent

IAC - Terraform

Excellent

Git, SVN, Bitbucket

Excellent

Scripting - Bash, Python

Very Good

CI/CD - Concourse,
ArgoCD, Jenkins

Very Good

IDE - VSCode, Notepad++,
Eclipse

Excellent

OS - Linux, Windows, MacOS

Very Good

Languages

English, Hindi.

Nationality : Indian

- Complete analysis of breaking changes, release notes and known issues for newer versions of Ops Manager, ERT/PAS & service tiles
- Based on analysis create roadmap and systematic and error proof upgrade process
- Created SOPs and KEDB articles for team for PCF, Bosh, Concourse, and Prometheus
- Performed complete setup of Concourse server from which can target all foundations
- Completely automated process of foundation upgrade with help of concourse
- Created concourse pipelines to upgrade buildpacks
- Configured Prometheus, Grafana, and Alertmanager
- Binded Marketplace services to applications also created custom Services, which were not present in Marketplace Services

2018-10 -
2019-10

AVP, Cloud Platform Engineer

Synchrony Financial Services, Hyderabad

- Managed Pivotal Cloud Foundry Administrator skills including Installing and day 2 operational capabilities of Pivotal Cloud Foundry foundations on AWS, vSphere IAAS layers, Application Delivery on Platform, deploy BOSH Director, backing up and Restoring Pivotal Cloud Foundry, Upgrading PCF foundations and advance BOSH trouble shooting skill
- Automating upgrade process and various day-to-day tasks using concourse and shell scripting
- Have set up Prometheus, Grafana, Alert manager as Bosh release to monitor foundations
- Creating new Dashboards in Splunk and New-Relic to generate system and app specific alerts for foundation.
- Communicated business concepts and expected functional behavior to developers and other stakeholders
- Promoted and led performance enhancement culture by actively coaching and mentoring direct reports
- Resolved issues and recommended actions based on production and compliance reports

- Collaborated with senior management to develop strategic initiatives and long term goals
- Oversaw hiring, adding valuable, talented professionals to strengthen management team
- Monitored industry trends, keeping current on latest changes

2014-03 -
2018-10

Technical Lead

Cognizant Technology Solutions Pvt. Ltd, Bangalore

- Worked on WebLogic (11gr2 & 12C) Application Server and various FMW components Administration including various day to day tasks along with providing Application Maintenance, Server Access Provisioning, Patch and Service Management, User Management, Disk and Process Management, Shell Scripting, Application Monitoring Tools like App Dynamics, Splunk & New Relic
- Pivotal Cloud Foundry Administrator skills including Installing Pivotal Cloud Foundry foundations on AWS, AZURE, Vsphere IAAS layers, Application Delivery on the Platform, deploy a BOSH Director, backing up and Restoring Pivotal Cloud Foundry, Upgrading PCF foundations and advance BOSH trouble shooting skill.
- Offered input on technical and platform-related strategic planning initiatives
- Organized system operating procedures to strengthen controls
- Designed support structure needed to confirm scalable application rollouts
- Improved systems with addition of new features and infrastructure
- Installed system updates to address vulnerabilities and reduce security issues
- Drove technical initiatives for large enterprise systems to align with long-term business strategies
- Enhanced interfaces to promote better functionality for users
- Guided teams during continuous integration / continuous delivery (CI/CD) processes
- Researched and adopted new technologies to add value to existing offerings
- Provided educational expertise and mentoring to junior team members

- Supervised architecture, design and implementation of company-wide platforms and applications
- Investigated system issues and implemented resolutions to reduce downtime
- Automated monitoring and security measures to reduce required employee attention

Education

2009-06 -
2013-06

B.E: Engineering Technology

RGPV University - Bhopal

GPA: 64.00

12th

Shri Tagore Vidya Mandir - Itarsi

- Received GPA: 75%

10th Std

Shri Tagore Vidya Mandir - Itarsi

- Received GPA: 78%

Certifications

2020-08

AWS certified Solutions Architect