

A seasoned DevOps architect with strong hands-on experience on k8s, docker, OpenShift, GitOps, pipeline with around 18 years of hands-on experience on design and implementation of enterprise solutions in DevOps, Cloud, Datacenter with Virtualization domain. Extensive experience in cloud domain with multiple IT infrastructure automation products.

Summary of Skills:

- Hands on DevOps Architect in **k8s, docker, Openshift and GitOps** domain with global scale infrastructure.
- Hands on experience managing the **multiple global clusters** with automations and security best practices.
- Hands on experience managing global scale **Ansible, Chef** platforms.
- Hands on **System Engineering and Infrastructure Management** experience with global scale infrastructure
- **Cloud Solution Architect**: Around 18 years of rich and varied experience in Consulting & Implementation
- **Pre-sales Solution Architect** for **CloudFX CloudSelect** (Cloud Service Brokerage Platform) and Orchestration
- Expert in **Automation and Orchestration in Private and Public Cloud Domain**
- Hands on Experience in integration with **AWS, Azure, Soft Layer, BMC CLM and ITSM** etc.
- Hands on development experience like **Ruby on Rails, C#** and other scripting languages.
- Hands on Experience on **Cisco VMDC 2.3** reference architecture Automations
- Expert on **BMC Cloud Lifecycle Management (CLM), BMC Atrium Orchestrator (BAO) and BMC Network Automation (BNA)**
- **Architected, designed BAO** across controlled security datacenters
- **Designed Automation solutions** in Cloud domain using BMC & other ITIL domain products
- **Specialist** in product integrations with other enterprise production tools
- Hands on experience on **BMC Server Automation (BSA), BMC Network Automation (BNA), BMC Database Automation (BDA), VMware vSphere suite**
- Designed enterprise tools deployment considering **High availability, Fail over, Load balancing & Disaster recovery**
- **BMC certified professional in Cloud Lifecycle Management (CLM)**
- Developed multiple **custom utilities** to achieve customer expectations considering products limitation
- **Passionate to learn new technology and products**

Education & Certificates:

- **BE in Computer Engineering, Pune University, Pune, 2007** (First Class with Distinction)
- **Specialist Diploma in Artificial Intelligence Solutions Development** – Temasek, Singapore 2025
- **BMC Certified Professional (BCP)** for Cloud Lifecycle Management
- ITIL V3 Certified |
- VMware VCP Certified
- MCTS SQL Server 2005 Certified | MCTS Web Development 2.0 Certified

Reverse Chronology of Work Experience:

VISA
Lead System Engineer

Singapore
July 2016 till present

Part of Distributed System Engineering and Architecture group which responsible for Compute infrastructure on-boarding and owner of OS and infrastructure platform tools. We take care of infrastructure provisioning end to end automatically using open source and enterprise cutting edge technologies and support all infrastructure with the enterprise tools like Kubernetes, Ansible, ArgoCD, Tetrade, Chef, Activiti (BPM Engine), BSA, BAO, HPOO etc. We have automated Physical + Virtual infrastructure provisioning with application on top of it.

Primary Responsibilities

- a. Designed and architected – Visa Kubernetes platform for 8+ datacenters and 100+clusters.
- b. Ecosystem integration – Observability, Security, Operations etc.
- c. Designed and handover enterprise platform like – Ansible, Chef, Kubernetes etc.
- d. End to end automation owner for cluster build and container ecosystem management.
- e. Architected Bare metal provisioning flow with applications like Hadoop, Oracle, Cassandra etc.
- f. Designed and supported infrastructure on-boarding using this platform
- g. Managed BAO, Chef and other Orchestration tools platform

- h. Supported and Engineered Container platform and related ecosystem

Secondary Responsibilities

- a. Designed standard automated processes for infrastructure and tools
- b. Support Orchestration end users for platform and workflows

CloudFX

Solution Architect

Singapore

April 2014 till June 2016

Solution Architect for Orchestration Management and Automation (OMA) division and responsible for customer workshops, Requirement gathering, Design, architecture, solution deployment, implementation and best practices for CloudFX customer's environment. Involved in CloudSelect (Cloud Service Brokerage) road map, pre-sales, customer technical demo, deep-dive on the field and remote support. Participated in responding RFP, RFI to various banks, Telco's in Singapore for Cloud Management strategy discussions with different industry standard automation and integrations.

Primary Responsibilities

- a. Architected CloudFX OMA and CloudSelect Solution for multiple customer
- b. Delivered Solution Demo, Technical deep-drive, deployment architecture of solution as part of Pre-sales activity
- c. Contributed different proposals, RFP, RFI in various customers in APAC region for Cloud Management strategy
- d. Involved in multiple projects from Customer workshops, Requirement gathering, Design, Implementations, UAT etc.
- e. Interact with business stakeholders and come up with business specifications for automations, integration and Cloud Management strategy

Secondary Responsibilities

- a. Contributed to product road map and design discussion of CloudFX product suites
- b. Developed standard best practices and templates with existing experience

UBS

Automation Architect

Singapore

Dec 2013 till May 2014

Automation Architect for ESTA (Enterprise Strategy Tools Automation) group and responsible for architecture and tools deployment, implementation and development best practices in UBS environment. Interacting with multiple stakeholders and Business users of tools and writing business specifications for BAO automations.

Primary Responsibilities

- a. Architected BAO Solution in UBS environment
- b. Designed tools deployment across datacenters of UBS to provide high availability and disaster recovery
- c. Developed processes for development, Access Management, Integration with other enterprise tools like WebSSO, BBS (Home grown authorization tool), best practices for development
- d. Interact with business stakeholders and come up with business specifications for automations

Secondary Responsibilities

- a. Helped UBS to develop processes for automations and BAO development best practices
- b. Helped to develop operating models and enablements for BAO in UBS
- c. Helped team to consider other BMC & Cloud tools to achieve business requirements

BMC Software

Cloud Consultant

Pune, India

July 2012 till Dec-2013

Cloud Consultant responsible for end-to-end implementation of BMC products at customer sites like Juniper, BNYM, Telstra, and VISA. Deployed BMC products like BAO, BSA, CLM and BMC Remedy from Onsite or offshore support as per customer need.

Primary Responsibilities

- a. As experienced technical expert in BMC product take part in customer workshop to understand their expectations
- b. Work closely with Customer, Solution Architect & BMC Center of Excellence team to validate deployment architecture for product considering High availability, failover, load balancing and Disaster recovery
- c. Involved in solution design with customer and Solution architect
- d. Interact with BMC COE (Center Of Excellence), BMC R&D (Research and Development), and BMC Support throughout design, implementation & trouble shooting
- e. Help other team member to understand solution and their product involvement
- f. Document design, implementation, test plans as part of delivery

BMC Software
Senior Associate Consultant

Pune, India
July 2011 – June 2012

Cloud automation consultant responsible for BMC BAO, CLM in cloud computing project including Mobily, KPN, WideXS and 2e2.

Primary Responsibilities

- a. Responsible for complete product ownership in cloud solution
- b. End to end responsible for BAO from deployment to customization in solution
- c. Involved multiple data center automation integration projects
- d. Worked with BMC support for product issues & conveyed product feedback
- e. Worked with multiple third party products during integration like Service Now, TSM and VMware
- f. Very quickly established myself as cloud expert

Secondary Responsibilities

- a. Worked closely with BMC product expert to help & provide customization guidelines
- b. Provided custom solutions for features which product does not support out of the box

BMC Software
Associate Consultant

Pune, India
July 2010 – June 2011

Worked as data center automation consultant in BMC and non BMC product integrations using BAO with ITIL framework. Worked in APAC & Europe region for automation assignments like SAP and Telefonica.

Primary Responsibilities

- a. Involved data center automation projects in Telefonica & SAP for their custom cloud projects using BMC product suites
- b. Created custom solution using BAO (BMC Atrium Orchestrator), BNA (BMC Network Automation) & BMC Remedy for complete datacenter automation
- c. Involved with Cisco devices like N1K, N7K, ASA, ACE, VPN etc. to automate this using BAO & BNA
- d. Developed IPAM solution using VLSM which will provide elastic IP addresses for data center automation solution as per requirement
- e. In SAP worked with multiple BMC & VMware products to create custom cloud solution
- f. Worked with design, documentation & customer delivery for these solutions

L&T InfoTech
Software Engineer

Pune, India
November 2007–July 2010

Worked on Microsoft Technology which include C#.NET 2.0 & SQL Server 2005 mostly for insurance domain application development. Worked for Production support and Enhancement project for group of Insurance related applications which does involved multiple Microsoft technology including ASP, VBA, VB.NET, C#.NET.

Also worked for LMS (Lead Management System) project using .Net 3.0 and added multiple new features into solution for new framework with self-initiative.

Projects Details:

Project: Bare-Metal Orchestration (Hadoop, Cassandra, Oracle, Zero Stack etc.)

- Designed and Architected Bare-Metal workflow for Linux and Windows offerings
- Orchestrated Application and application pre-requisite like OS customizations, file system creations etc.
- Responsible OpenStack platform

Project: Pre-sales (Singapore, Australia, Malaysia)

- Responded Configuration management and automation POC, RFP, customer presentations in multiple Banks in Singapore
- Contributed to Proposal writing for multiple APAC region customers in ISP, Enterprises for CloudSelect solution
- Contributed to POC for multiple Malaysian Telecommunication customers for CloudSelect solution
- Responded solely Middle East ISP RFI for Network orchestration harmonization project with CloudSelect orchestration solution.
- CloudSelect implementation hands on for Global Telecommunication giant for core components and integrations.

Project: Synergy Cloud Computing (Singapore, Malaysia)

- Involved from workshop, design, implementation, UAT, operation handover. Complete lifecycle of product implementations on the field.
- Architected, designed BMC CLM in Synergy Cloud environment.
- Designed deployment architecture for product with High Availability.
- Automated Complete Cisco VMDC 2.3 (ASA, Citrix-Net scalar, Catalyst switch automations) architecture through CLM & BNA
- Integrated solution with Synergy Cloud ITSM Change management, Active Directory etc.
- Being part of Strategy Architect group recommended automations in regular UBS operations.

- Developed processes, best practices, and business specifications for automations.

Project: UBS Monitoring Automation (Singapore)

- Architected, designed BMC BAO in UBS environment.
 - Designed deployment architecture for product for failover and Disaster recovery.
 - Being part of Strategy Architect group recommended automations in regular UBS operations.
 - Developed processes, best practices, business specifications for automations.
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Project: VISA Orchestration Project (Singapore)

- Designed, deployed BMC BAO into VISA environment.
 - Designed deployment architecture for product for failover and Disaster recovery.
 - Enabled customer for BAO and help them to migrate from HP Orchestrator to BAO
 - Involved from design till UAT & documentation.
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Project: Juniper Cloud (Pune, India)

- Implemented CLM 3.1 for Juniper internal customers with customizations.
 - Involved from solution configurations, validation till UAT and documentations.
 - Integrated Infoblox for DNS in CLM provisioning.
 - Worked on post provisioning packages from BSA.
 - Enrolled existing Juniper infrastructure under CLM BSA for management.
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Project: Telstra ISAP Integration (Melbourne, Australia)

- Exposed existing CLM 2.1 customization through API using BAO.
 - Helped customer to utilize existing BAO customization to integrate with other enterprise applications.
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Project: BNYM Database as Service in CLM (New York, USA & Pune, India)

- Lead Consultant for BNYM from BMC for DB as Cloud service.
 - Designed & implemented Database as Service using CLM 2.1 & BDA (BMC Database Automation).
 - Helped customer to reduce time to provision DB without manually intervention from 1 month to 2 hours.
 - Product owner for BAO, BDA & BSA for this integration.
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Project: KPN Cloud (Pune, India)

- Implemented cloud solution for KPN using CLM 2.1.
 - Involved with customization using BAO for DNS integration, Add external disk.
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Project: Mobily Private Cloud (Pune, India)

- Involved with CLM 2.1 implementation for Mobily internal customers.
 - Integrated Mobily's existing change management with CLM change management
 - Involved with customizations like Add external disk, Snapshot of VM using BAO & ITSM.
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Project: 2e2 UK (Pune, India)

- Involved in design and implementation of custom use cases in CLM environment using BMC product suites.
 - Automated OS provisioning, UCS provisioning using BSA.
 - Integrated TSM and Service Now using BAO.
 - Automated VLAN creation using BAO & BNA on backbone switches of 2e2.
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Project: Telefonica (Madrid, Spain)

- Designed complete Virtual Datacenter Automations using BMC product suites with Cisco.
 - Automated Virtual Datacenter creation using BMC products like BAO, BNA & Remedy.
 - Developed IPAM solution for customer using BMC products.
 - Automated Data center creation using Cisco devices like N7K, N1K, ASA, ACE and BGP routers.
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Project: SAP (Pune, India)

- SAP implemented custom cloud using BMC product suites before BMC CLM launched.
 - Part of BAO development for automations for provisioning and management.
 - Worked with BSA, VMware for integration with BAO.
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Project: L&T InfoTech Development Experience (Pune)

- Worked on multiple Microsoft Technology including ASP, VBA, and C#.NET from 2.0 & 3.5 framework.
- Added multiple new features framework into existing application.