Varun Kodali
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317-645-7070

Summary:

- Over **16**+ years of progressive IT experience and expertise in a developing and Architecting enterprise level large scale multi-tier solution.
- Experience in working with AWS resources like IAM, EC2, EBS, S3, ELB, VPC, ECS, Lambda, Route 53, Auto Scaling, Cloud Watch, Cloud Front, Cloud Trail, Aurora, SQS, SNS and experienced in Cloud automation.
- Strong experience in Government and commercial cloud environments.
- Led migration of legacy monolith to microservices-based architecture on AWS, improving scalability and enabling faster feature development
- Implemented DevOps, automation, Infrastructure as Code, configuration management, monitoring and tools for enterprise software and systems in running in Cloud.
- Deep knowledge of compute, network, storage design and architecture.
- Experience in developing AWS CloudFormation templates to create custom VPC, Subnets, EC2, load balancers, security groups,RDS & S3 buckets.
- Managed Docker orchestration and Docker containerization using Kubernetes.
- Design, build and manage clusters running n Amazon EKS, ECS and AWS fargate.
- Specializing in Middleware Application Servers, Web Servers and Databases adept in all facets of administration, maintenance, integration, troubleshooting including installation and configuration.
- Possess strong knowledge in IBM WebSphere Application Server, Portal Server, WCM, BPM, MQ.
- Over 2 years of experience in the Salesforce.com CRM space that includes Administration, Configuration, Implementation, and Support experience.
- Installed and configured Pega PRPC 7.x on Application Servers and configured with DB2 Databases on 170 Linux VMs.
- Deep expertise with containers, serverless, CI/CD, infrastructure as code, monitoring, and other DevSecOps practices
- Proven ability to lead cloud migration initiatives, optimize costs, ensure scalability and high availability
- Strong technical knowledge in JBOSS Application server implementation, support, workload management and performance tuning including Web server setup configuration with JBOSS App Server.
- Strong experience in **system administration**, **production support** and **configuration** of **distributed environments** with emphasis in **Application Server, Portal Server** & Commerce server.
- Experience in requirements gathering from business and partners to map out project's timeline.
- Excellent experience and understanding in open-source technologies including Eclipse, Linux, Tomcat etc.

Education:
Master's in computer science.
Bachelors in Electronics & Communications.

Certifications/Training:

- AWS certified solution Architect -Associate
- AWS certified Analytics – Specialty
- AWS certified DevOps Engineer- Professional
- Salesforce certified Administrator
- Oracle cloud- Professional
- IBM WebSphere – Application Server & Network Deployment Manager
- HashiCorp Certified – Terraform Associate

Skills:

Cloud	AWS, Azure, GCP, OCI
Servers	Linux, Windows, Unix
Database	Oracle, SQL, Postgres SQL, DB2, Aurora
Languages	Java, .net, Python
DevOps	Docker, Kubernetes, Fargate, Terraform, CloudFormation (IAC), Helm, Artifactory, PortWorx, Ansible, Istio, SonarQube, Github, Bamboo, Bitbucket, Shell, EKS, Groovy, Bash, CDK
AWS Services	EC2, EBS, EFS, VPC , RDS, S3, IAM, CloudWatch , Cloud Trail , DynamoDB , Lambda, Route53, SNS , SQS, API Gateway, ALB, EKS, Fargate, ECS, Code Deploy, Code pipeline, Org, Cost explorer …
Monitoring	AppDynamics, DataDog, Splunk, CloudWatch, Cloud Trail
Middleware	WebSphere ND, App Server , MQ m Portal ,WCM, BPM, Tomcat
Security	WAF, IAM, GaurdDuty, Config, SSO, oAuth

Professional Summary:

Amazon Web Services, Indianapolis, IN.   **June 2022 to Current**
Sr Cloud Architect

- Responsible for architecting, designing & implementing of AWS cloud-based infrastructure and solutions.
- Lead teams to architect, design, develop and implement AWS cloud solutions and helped migrating 70+ applications from on-prem to AWS, which reduced deployment time by 65% and increased performance.
- Reduced latency by 65% and improved throughput by 80% for a fintech client by rearchitecting their network on AWS using Nitro instance types and optimizing their VPC configuration
- Architected migration of core systems to AWS, saving $2.5M annually
- Use of DevOps principles and best practices for automation in provisioning and de-provisioning of AWS services and resources; build CI/CD pipelines using tools like Jenkins, Jira, Confluence, Artifactory, Helm, Spinnaker, Hashicorp Vault, docker, Kubernetes.
- Designed and managed public & private cloud infrastructures utilizing AWS including EC2, S3, EFS, RDS, VPC, Direct Connect, Route53, CloudWatch, CloudFront, Cloud Trail, IAM ..
- Provide cloud financial management & cost optimization for customers resulting in savings of ~$1.8M in Q4.
- Conducted multiple Immersion days, Gamedays & workshops for customers on Security, Serverless architecture, Observability & Incident management.
- Experience in working with AWS Lambda, AWS CLI ,with Python-Boto3.
- Build and maintained technical trusted advisor relationships with all levels from technical experts to senior executives.
- Created & delivered Quarterly strategic business reviews & support plans for the customers.
- Deliver project oversight, architectural review, design and development for the customer projects.
- Provided recommendations to customers to improve security posture.
- Mentored AWS Cloud Operations Technical Feedback community, focusing on cloud financial management, Security & GenAI.

- Reviewed customer architecture, acted as a customer advocate, and offered advice and training on AWS services and offerings.
- Utilize AWS services such as AWS Lambda, AWS Fargate, and Amazon ECS to manage and orchestrate microservices-based applications.
- Design and build prototypes of cloud solutions, and write a solution design document that goes into detail about the technical parts of the implementation.
- Monitor and report on the efficacy of services to internal and external stakeholders.

Environment : AWS , EC2 , S3, Kubernetes , CloudFormation, Docker, Terraform, RDS, Oracle, Control Tower, CloudWatch, ASG , VPC, Lambda , Python, Automation,Rubric

Freddie Mac, McLean, VA   **Feb 2020 to June 2022**
AWS DevOps Architect

- Lead modern delivery tool chain team to design, architect and deliver AWS DevOps platform for FMLC.
- Design, development, and implementation of high-performance, extremely scalable, and highly fault-tolerant infrastructure in Linux System within public, private and hybrid cloud environments meeting various SLAs.
- Design, plan, development, build, test, delivery, and deployment of J2EE applications using various AWS services with specific emphasis on continuous delivery, post-production support, backup and disaster recovery, monitoring, and automation.
- Use of DevOps principles and best practices for automation in provisioning and de-provisioning of AWS services and resources; build Continues integration & Continues Delivery pipelines using tools like Jenkins, Artifactory, Helm, Spinnaker, Hashicorp Vault, docker, Kubernetes.
- Created Modular pipeline framework to support system tools and docker deployment automation
- Build and configured **Jenkins slaves** for parallel job execution.
- Implemented multiple CI/CD pipelines as part of DevOps role for on-premises and cloud-based software using Jenkins.
- Build Docker container clusters managed by Kubernetes, Linux, Bash , Git, Python on AWS.
- Used Gearset Compare and deploy to track changes in various Salesforce Orgs.
- Created sandboxes and scratch orgs using in Salesforce using Jenkins deployments & github actions.
- Configured traffic flows between services using ISTIO Service mesh in K8s.
- Worked on AWS certificate manager to get SSL/TSL certificates for the applications to make sure they are secured.
- Created branching & tagging strategy to maintain the source code in the GIT repository and Coordinated with developers with establishing and applying appropriate branching, labeling/naming conventions using GIT source control.
- Worked with Gearset to deploy code from sandbox to production.
- Implemented Jenkins Workflow and Plugins for repeatable deployments of multi-tier applications, artifacts, and services to Docker, and RHEL.
- Expert in User Management and Plugin Management for Jenkins. Build configured and support Application team environments.
- Installed and Configured Jenkins for Continuous Integration. Used Jenkins to perform automated Builds and Deployments.
- Integrated GIT into Jenkins to automate the code check-out process. Worked on Docker for different infrastructure setup and testing of code.
- Integrated Code testing tools such as SonarQube, Jenkins & Twistlock for the code quality and code coverage to Jenkins for the build automation
- Experience in Atlassian JIRA installation, administration, and maintenance. Managed users, workflow, groups and projects in JIRA and reported bugs, tracked defects using JIRA.
- Migrated PostgreSQL databases to AWS Aurora 11.6 for Atlassian suite.

Environment : AWS , EC2 , S3, Atlassian, Docker , Kubernetes , JFrog , Istio , Twistlock , SonarQube, Hashicorp vault, Jenkins ,ServiceNow , Jira , Gearset, Bitbucket , Confluence, Provar, Terraform

State of Indiana, Indianapolis   **June 2016 to Jan 2020**
Cloud Architect

- Lead DevOps System Administration team to support IT Applications running on Java, .net, Mulesoft and Salesforce technologies.
- Conduct systems design, feasibility and cost studies and recommend cost-effective cloud solutions.
- Involved in designing and deploying a multitude of applications utilizing almost all the AWS stack including **EC2, Route53, S3, RDS, Aurora , SNS, SQS, ASG** focusing on high-availability, fault tolerance and **auto-scaling** in AWS cloud formation.
- Integrated EFS with ECS fargate.
- Responsible for Cloud governance, auditing, monitoring, planning and assessment.
- Participated in requirements Gathering and Involved in Salesforce.com Application Setup activities and customized the apps to match the functional needs of the organization.
- Created test scenarios on Sandbox environment, created packages and moved it between Sandboxes and Production environments to place final implementations.
- Refresh and configuration of salesforce sandboxes for application teams.
- Prepared capacity and architecture plan to create the Azure Cloud environment to host migrated IaaS VMs and PaaS role instances for refactored applications and databases.
- Design, architect and implement Atlassian products JIRA, Confluence, Trello, Bamboo, and Bitbucket, Tableau on Gov cloud.
- Used Jenkins & Bitbucket to perform Salesforce and mule module deployments.
- Configured security groups, network ACLs, Internet Gateways, and Elastic IP's to ensure a safety of State Cloud Network.
- Implemented CI/CD pipelines for MuleSoft application build and deployment.
- Created IAM Users, groups, roles & policies in AWS.
- Created Public & private Subnets, Nat Gateway & Internet Gateway for VPC.
- Used Cloud formation scripts to create VPC, Subnets, IGW, NAT GW, for Sandbox and Prod accounts.
- Migrated MS SQL to AWS RDS using AWS DMS tool.
- Configured Azure AD with applications running on AWS and enabled MFA.
- Assisted with hands-on security planning, security compliance guidance under FedRAMP as well as agency regulations.
- Configured AWS backup and restore policies using N2WS.
- Migration existing applications from WebSphere to AWS cloud tomcat servers.
- Installed & Configured AppDynamics cloud & on premise agents to monitor Java & .net applications running on IBM WebSphere & Windows Server 2016.
- Resolved build and release dependencies in collaboration with other departments.
- Configured ELB, ALB & auto scaling groups for applications running on EC2.
- Configured AWS services to on premise DNS servers.
- Create AMIs for mission critical production servers for backup.
- Developed and implemented Software Release Management strategies for various applications according to the agile process.

  Environment : AWS , EC2 , S3 , JIRA Bamboo, NIST, IRS-Pub, WebSphere Application Server ,Salesforce ,MuleSoft , FedRAMP, Jenkins, Fargate, Jira , Bamboo , AppDynamics ,sfdx , Pega, ODR , MDM,Terraform

CVS Caremark, Buffalo Groove, IL   **Feb 2015 to June 2016**
Sr Middleware Architect

- Introduced and lead project execution best practices.
- Created status presentations for executive review.
- Provided direction and supervision for middleware build team.
- Middleware Architecture leadership to the Design and over 12 applications running on 300+ VMs.

- Utilized ASR (Azure Site Recovery), PowerShell and MVMC (Microsoft Virtual Machine Convertor) for on-premises to cloud migrations.
- Setup Azure Virtual Appliances (VMs) to meet security requirements as software-based appliance functions (firewall, WAN optimization and intrusion detections).
- Installed & configured IBM BPM , IBM WAS , IBM MDM on Linux servers .
- Migrated over 76 on premise applications to cloud.
- Architecture, installation, configuration, testing and tuning of complex, high-availability, multi-tier Portal & **Pega** implementations to support thousands of concurrent users placing multiple orders per second.
- Involved in Creating/Enhancing/automating build and deployment processes for each release and backup, restore and upgrade.
- Setup and configure the continuous build system using Jenkins and running automation smoke / nightly test suites.
- Worked in Installation, Migration, Integration, Implementation, Release and building of codes.
- Experience is using ODR for Portal Disaster recovery strategy.
- Configured WebSphere Security with SiteMinder.
- Installed & configured IBM MDM, Business Monitor & Sterling Integrator on WebSphere Application servers.
- Moved legacy applications to 3-tier architecture.
- Installed & configured PEGA, MDM, Sterling applications in DEV, SIT & PROD.
- Configured & tuned PegaRules Data sources to support prpc_j2ee14_ws.ear.
- Configured data sources to support DB2 PureScale.
- Assists various teams with identifying issues, stack tracing and debugging across multiple applications and platforms.

  Environment : AWS , WebSphere Application Server , Portal Server , BPM , Docker , Jenkins ,Blue mix , Jira , Bamboo , AppDynamics ,BPM , Pega, ODR , MDM ,SiteMinder.

Apex Supply Chain Technologies, Mason, OH   **June 2014 to July 2015**
DevOps Architect

- Migrated applications from on premise to AWS cloud.
- Implemented Docker solutions and migrated applications to Linux Containers.
- Implemented Docker Swarm orchestration to manage multiple containers.
- Installed and configured Apache HTTP Server, IHS and WebSphere Application Server using Ansible configuration management tool.
- Launched EC2 Linux instances using Amazon and custom images and configuring launched instances with respect to specific applications.
- Created s3 buckets and managed policies and utilized s3 bucket and Glacier for storage and backup on AWS.
- Redesign WebSphere environment & migrated from Windows to Linux servers.
- Server/Cluster and Instance creation using UNIX script and LDAP Definitions.
- Worked with Security team for possible security threats to WebSphere Platform and configured Web servers to their recommendations.
- Involved in configuring the WebSphere load balancing utilizing WebSphere Workload Management including horizontal scaling, vertical scaling, creating dynamic clusters, setting up node groups and application versioning in WebSphere environments.
- Problem determination using log file, managed complex environments for the customer IT environments from a software support perspective for IBM WebSphere Application Server on both UNIX and windows platforms.
- Worked with QA Team for Load Tests and Performance tests and identified the bottlenecks of the applications

- Developed and supported application solutions to meet client requirements delivered through a WebSphere Portal based intranet.

Environment: AWS, Docker Swarm, ,S3, EC2 , Route 53, Ansible, AD, AppDynamics, Tomcat, JBOSS, CastIron, JAZZ, Splunk, TeamCity, Agile

National Government Services, Indianapolis   **April 29th 2013 to May 30th 2014**
Sr WebSphere Consultant

Responsibilities:

WebSphere:
- Design, Install & configured IBM WAS 8.0/8.5, Portal 8.0 & WCM 8.0 on AIX.
- Project lead on Portal DR strategy. Designed & documented DR SOP.
- Migrated applications from Portal 6.1.5 to 8.0.
- Deployed Applications on Websphere Application server using wsadmin & JACL scripts.
- Installed, configured, administered and supported WebSphere Application Server 7.0
- Migrated WebSphere application server applications from 6.1 to 8.0 in development, testing, staging and production environments.
- Installed & Configures Ephox editor & WebRadar for WCM.
- Installed latest fix packs and ifixes for WAS/HIS/WPS (8.0.0.8)
- Established appropriate environment and project lifecycle for Development, Testing and Deployment on WebSphere 8.0.
- Working knowledge on Tomcat server.
- Monitored resources used by the Portal platform, including JVMs, hardware, and operating systems using BMC Patrol.
- Configured response file for silent install of WebSphere Base and Network Deployment.
- Configured WAS Global Security using Active Directory as a LDAP user registry
- Automated Deployment scripts for Applications, Portlets & Pages.
- Installed, configured, administered and supported WebSphere Portal Server 7.0.
- Created scripts for Portal & WAS deployment automation.
- Syndicate & subscribe content between Web Content Managers. .
- Deploy Portal Pages & Portlets using XMLAccess.
- Deploy Custom Portal Themes & Skins.
- Migrated Portal search to Google search.

Environment: IBM Websphere Application Server 8.5 ND, WCM, GSA, Portal Server, Java, XML, Linux, UNIX, Windows, Curam, Kafka

Cardinal Health, Dublin, OH   **June 2012 to April 2013**
Infrastructure Application engineer
Responsibilities:
- Installed the WebSphere Portal & Commerce Server software on Linux.
- Migrated applications from WAS 6.1 to 7.0.
- Installed Liferay portal on WPS.
- Installed, configured, administered and supported WebSphere Application Server 7.0.
- Experienced working on **WebSphere ESB** v6.x/7.x
- Migrated WebSphere application server applications from 5.1 to 6.1 in development, unit test staging and production environments.
- Installed, configured and Administered WebSphere Commerce Server 6.0 on Windows and Linux platform.
- Established appropriate environment and project lifecycle for Development, Testing and Deployment on WebSphere 6.1.
- Installed and configured Jboss Application servers for DEV, QA and PROD systems.

- Migrated Applications from WebSphere to Jboss.
- Configured log4j according to client threshold requirements.
- Trimmed the Jboss EAP to create the slim version of Application Servers.
- Deployed applications from Admin Console of Jboss Eap 5.1 as well as done the hot deployment
- Secured the Jboss application server.
- Deployed iPhone & Android applications in Production.
- Provide 24/7 support for assigned applications.

Environment: WebSphere Application server, WebLogic, WebSphere Enterprise Service Bus, WebSphere portal server, WCM, MQ, Wily, Commerce, Google Analytics

Adesa, Carmel, IN   **Jun 1st 2009 – May 28th 2012**
WebSphere Portal Administrator

- Install/Configure/Maintain WebSphere Portal Server 6.1/7.0.
- Installing, configuring and maintaining Web and Database servers like IBM's WebSphere Application Server, IBM HTTP Server, IBM's WebSphere Portal Server and DB2 on AIX platform.
- Responsible for Administration and Configuration of WebSphere in Production environments.
- Developed UNIX scripts to automate WebSphere Administration (recycling the application server, deploying customer applications, logs rotation, monitor applications state, etc,).
- Managed migration of WebSphere 5.x to WebSphere 6.x.
- Involved in Load balancing and Performance tuning for applications deployed in production environment.
- Responsible for configuring and maintaining IBM Edge Components like WebSphere Caching Proxy.
- Coordinated load balancing of servers with Network Dispatchers.
- Implemented LDAP security using IBM Secureway (LTPA) and Single Sign on (SSO).
- Installed WebSphere Lotus Connections features on WebSphere Application Server.
- Troubleshoot WebSphere Application Server connection pooling and connection manager with DB2 databases.
- Worked on WebSphere components such as Work Load Management (WLM) and Tivoli Work Load Scheduler.
- Configured SSO between different Portals using Siteminder .
- Configured WebSphere load balancing using horizontal cloning and vertical cloning techniques.

   Environment: IBM WebSphere Application Server 6.x, IBM HTTP Server 1.3, ESB, DB2, Sun One LDAP, JBOSS 4.0, Apache, Tomcat.

Bank of New York Mellon, NYC   **Sep 1st 2007 – May 30th 2009**
WebSphere Administrator

- Installation and configuration of number of **WebSphere Application Servers** 6.0 instances on development, QA and production environment on Solaris.
- Performed WebLogic installation & configuration in AIX.
- Installation of multiple **IBM WebSphere Application Server V6.0** instances, multiple Deployment manager instances.
- Created the cluster members using the server template.
- Installing fix packs and fixes, federating Node to the **Deployment Manager**.
- Installed the TAM components Tivoli Directory server, policy server, authorization server and webseal and configured for SSO.
- Developed UNIX shell scripts that automate the WebSphere Administration (recycling the application server, deploying customer applications, logs rotation, monitor applications state, etc.)
- Enable global security for application servers and applications using Single Sign on (SSO) by **LTPA** mechanism on Tivoli Directory Server **LDAP** User Registry.
- Strong experience in Analyzing, Trouble shooting and taking appropriate actions for Application/Web server errors and logs using WebSphere Log Analyzer tool.
- Configured and setup **Secure Sockets Layers (SSL)** for data encryption and client authentication.

- Assisting the application owner with questions about installation packages, assisting operations staff with questions about the execution of a change request, and maintaining operational procedures and tools for managing the WebSphere environment.
- Worked with Application Development Team to help migration and integration of their applications.

Environment: SUN Solaris, IBM WebSphere Application Server 5.0/6.0, Portal server 6.1, IHS,   Oracle, Subversion

Varun Kodali

- Indianapolis, IN, US

Contact Information

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- 3176457070

Work History

Total Work Experience: 17 years

- **Devops Architect**
  Jun 01, 2016

- **Middleware Architect CVS Caremark**
  Feb 01, 2015

- **Devops Architect Apex Supply Chain Technologies**
  Jun 01, 2014

- **Infrastructure Application Engineer Cardinal Health**
  Sep 01, 2012

- **Websphere Portal Administrator Adesa**
  Jun 01, 2009

- **Websphere Administrator Bank Of New York Mellon**
  Sep 01, 2007

- **Sr Websphere Consultant**

- **Websphere Portal Administrator**

Skills

- **cloud computing** - 17 years
- **security** - 14 years
- **hashicorp** - 12 years
- **migration** - 11 years
- **software deployment** - 11 years
- **amazon web services** - 10 years
- **architecture** - 10 years
- **cloud** - 10 years
- **amazon ec2** - 9 years
- **amazon s3** - 9 years
- **jenkins** - 9 years
- **jira** - 9 years
- **leadership** - 9 years
- **identity management** - 8 years
- **devops** - 13 years
- **database** - 9 years
- **ibm websphere** - 14 years
- **software** - 14 years
- **aws** - 13 years
- **ibm websphere application server** - 13 years
- **configuration** - 11 years
- **production** - 11 years
- **ibm aix** - 10 years
- **apache tomcat** - 9 years
- **scripting** - 9 years
- **web portals** - 9 years
- **automation** - 7 years
- **integration** - 7 years
- **network** - 7 years
- **policies** - 7 years
- **appdynamics** - 6 years
- **cloud architecture** - 6 years
- **atlassian** - 2 years
- **salesforce.com administration** - 1 years
- **application server** - 9 years
- **ldap** - 8 years
- **unix** - 8 years

- **ibm websphere portal** - 7 years

Work Preferences

- Desired Work Settings: No Preference
- Likely to Switch: True
- Willing to Relocate: False
- Work Authorization:
    - US
- Work Documents:
    - Green Card Holder
- Security Clearance: False
- Third Party: False
- Employment Type:
    - Full-time
    - Part-time
    - Contract - Independent
    - Contract - W2
    - Contract to Hire - Independent
    - Contract to Hire - W2

Profile Sources

- Dice:
https://www.dice.com/employer/talent/profile/7e035f320de92bae4b5357058e01a48c