Balaji C

+91-9940554289 · Balaji.June20@gmail.com · https://www/linkedin.com/in/bjsizzles
No.5/365A, Annai Indira Nagar 2nd Street, Okkiyampet, Chennai -97

ENTERPRISE DEVOPS & INFRASTRUCTURE AUTOMATION ENGINEER

Expert DevOps leader with a proven track record in designing and implementing DevOps strategies for large-scale enterprises, including cloud and container orchestration. Skilled in Container technology, AWS, Azure, Ensuring optimal utilization of resources, enhances scalability, resiliency, and operational excellence. Confident in guiding organizations through digital transformation and achieving superior outcomes in today's dynamic technological landscape.

KEY SKILLS

Cloud - AWS, Azure
Scripting - Bash & Python
IAC - Terraform

CM Tool - Ansible
Container Tech - Docker, Openshift
Ticketing Tool - JIRA

Devops Tools - Teamcity, Jenkins, Github/Gitlab, Artifactory, Nexus, Sonar, Splunk, Appdynamics, ELK, Harness, Nagios

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PROFESSIONAL EXPERIENCE

Citicorp Services India Private Limited   **Mar 2021 - Present**
Assistant Vice President - DevOps Platform Engineer

Orchestrated a well-engineered setup that enables VM deployments for our organization using OpenShift pods, facilitated by SSHKS signing.. This setup has enabled SSHKS usage using HashiCorp, serving as a deployment and security boundary, significantly improving our infrastructure management and deployment efficiency.

- Modelled Ansible integration with SSHKS generated keys to facilitate a roadmap for VM deployments.
- Studied and facilitated SSHKS prerequisites (including KV Roles, K8 Roles, Coin Creation) on an OpenShift service/POD as part of a prototype, enhancing it for production usage.
- Collaborated with teams to streamline security boundaries for applications and deployment pipelines, offering training and leadership in cloud technology adoption. Conducted documentation, knowledge transition, and developed internal APIs.
- Enhanced SSHKS setup from coin to simplified onboarding, designed implementation stages in collaboration with leads, coordinated with cross-functional teams to establish best practices.
- Contributed to developing catalog roles for Apache Tomcat, MQ, WebSphere, Node.js, and other middleware platforms.
- Integrated Ansible lint Tekton task with playbook publish tasks to ensure standard and quality code.
- Developed custom Python modules showcasing lint capabilities and contributed to templating deployment models for Golang and Python apps from installation to code deployment.
- Worked closely with the leadership and vendor teams to direct strategy, effort, and delivery.

Cognizant Technology Solutions   **Apr 2018 - Mar 2021**
Senior Associate - DevOps Engineering Lead

Prepared multiple stable environments for applications, managed and upgraded DevOps tool suite, led automation efforts, troubleshooted issues, and provided training and leadership in the adoption of cloud technologies.

- Established application environments using Ansible in on-premises and AWS Cloud.
- Set up CICD pipelines utilizing TeamCity, Nexus, and Ansible alongside shell and PowerShell scripts.
- Performed source code migration from SVN, GitHub, and GitLab, implementing sync between repositories.
- Managed DevOps tool suites, including TeamCity, Jenkins, AppDynamics, Nagios, Nexus, FishEye, and SonarQube.
- Led server migration projects from RHEL5 to RHEL7, and created virtual machines in ESX data centers.
- Improved app monitoring with scripting and REST API usage, setting up alerts for applications and servers.
- Secured AWS servers through SSM agents, AWS CLI, and Ansible, possessing strong AWS service knowledge (EC2, S3, Load Balancers, etc.).
- Displayed good troubleshooting skills and familiarity with Linux command line, networking, and package utility tools.

L&T Infotech   **Aug 2015 - Apr 2018**
Senior Software Engineer - Release Engineer

Streamlined deployment processes, enhanced automation for faster releases, improved version control practices, and implemented robust monitoring solutions to ensure smooth and efficient software deployments.

- Provided deployment support and code enhancements for 70+ Citi applications using Urban Code Deploy Tool in lower and production environments.
- Automated manual tasks and conducted in-house system monitoring through script setups in Linux and Windows.
- Supported datacenter migration activities, ensured adherence to release plans, and documented complex payment workflows while serving as a single point of contact for offshore escalations.
- Demonstrated strong troubleshooting skills in web applications, particularly in server-client architecture, by tracking SOAP requests in application and client logs.
- Possessed knowledge of middleware tools like JBoss and WebSphere, driving process improvements, conducting audits, and performing 5 Why Analysis.

Mar 2011 - Aug 2015
HCL Technologies
Software Engineer - ETL, DBA Developer

Provided technical assistance and troubleshooting for data integration processes, ensuring smooth and efficient data flow. I also maintained and optimized legacy databases, ensuring data accuracy and integrity. Additionally, I collaborated with cross-functional teams to identify and resolve issues, and provided training and support to end-users.

- Built OLAP databases from text files and provided support during build and updates.
- Prepared custom reports for users using shell scripts and Oracle Express DB procedures.
- Optimized database build code and procedures, reducing build time by 50-90% for large databases.
- Adhered to SLAs and SOPs, handling incident and problem tickets, and supported rollouts of new features and custom changes in database setup.
- Conducted unit testing around IRI apps post data-center migration activities and mentored and transitioned trivial tasks and application code flow to L2 and other vendors.
- Conducted weekly meetings with the team and clients for project deliverables' closure and status tracking.

EDUCATION & CERTIFICATIONS

EXTRACURRICULAR ACTIVITIES

Bachelor of Electrical and Electronics Engineering

Prathyusha Institute of Technology & Management.
Chennai
First Class with Distinction (75%)

- Participate in NGO Activities
- Playing Cricket, Running
- Reading books, Mentoring

LANGUAGES KNOWN : ENGLISH, TAMIL, TELUGU