

Abhijeet Subhash Nikale

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Professional Summary:

- Software professional with over 8+ years of experience in **Software Configuration Management as a Configuration Manager, Release Engineer, Build and Deployment Engineer and Administrator.**
- Excellent understanding of SDLC, Traditional, Agile, RUP and other Methodologies. Expertise Configuration/Release/Build Management on both UNIX and Windows environments.
- Experience in Source Control branching, Merging, tagging, resolving file branch and merge issues in **GIT**.
- Extensive experience in configuration management and release engineering in multiple projects and multiple-branches environment.
- Experienced with Development, Staging to Production code build install from in software product development life cycle, implementation, and quality assurance, complete product cycles.
- Experience as a Project Administrator for the Branching, Merging, and Access allocation to Users.
- Implemented and deployed a system to Windows **Azure**, Microsoft's new cloud solution.
- Experience with UNIX shell Scripting and power shell scripting to automate deployments.
- Experience in working with **Azure** cloud deployments, creating websites and deploying binaries on **Azure** cloud, **Azure** provisioning, deployment, and monitoring.
- Extensive experience in defining the branching and the merging strategies, creating baselines and releasing the code. Worked with different bug tracking tools like **JIRA, SNOW and RT.**
- Created CM Plans and Test Plans for Applications. Experienced in trouble shooting, configuring and deployment enterprise applications in Jboss and Tomcat as well.
- In-depth technical strengths and business understanding for full-cycle project and post-implementation problem-solving requirements.
- Implemented Release schedules, communicated the Release status, created Roll out Plans, tracked the Project Milestones, prepared the reports and chaired the Release calls and worked for a successful Release.
- Good analytical, problem solving, communication skills and have the ability to work either independently with little or no supervision or as a member of a team.

Technical Skills:

Operating Systems : Linux, UNIX, Windows XP, Windows NT, Windows 2000, Azure.
Scripting : JavaScript, Shell Scripting, Perl Scripting, SQL Scripting, Python.
Databases : DynamoDB, MYSQL 5.0, Redshift, RDS.
Version Control : Git, GITLab
SDLC & Testing : Agile Methodologies, Scrum Process, Junit, Manual Testing, SNOW, RT tracker, Matrix, JIRA.

Work Experience:

Client: Toyota Motors North America
DevOps Engineer

(September 2019 – August 2023)

Roles & Responsibilities:

- Migrated **Imperva** CDN infrastructure for 18 TLDs to AWS **ECS Docker** cluster of **NGINX** cluster servers made available globally using **AWS Global Accelerator** to create a high available and scalable infrastructure.
- Recovered legacy DB infrastructure and developed playbook for team knowledge base and open-source issue and project tracking software (RT) for posterity personnel training.

- Designed, supported, and upgraded Cloud IAAS (Amazon Web Services) infrastructure for 86+ end user-facing web applications and APIs utilizing services such as **CloudFront**, **AWS S3**, **Route53**, **AWS VPCs**, CloudWatch, **Elastic Beanstalks**, Load Balancers (ALB, NLB, and ELB) and **AWS IAM**.
- Executed network administration tasks like Domain name services through **Route 53**, Malicious IP blocking via **AWS WAF** and **Imperva WAF**, and implementing NAT and ACL using **NAT Gateways** and **AWS VPC**.
- Configured and maintained Linux services like **Apache**, **MySQL**, and **Tomcat** for 180+ **RHEL EC2** instances.
- Designed and developed code, content, and automation frameworks for High availability continuous delivery pipelines using **Terraform**, **CloudFormation**, and **GitHub**.
- Automated repetitive Linux administration tasks by utilizing **AWS Lambda** and **AWS-CLI** to execute **bash** and **python** scripts, also by creating **Jenkins** jobs and **Ansible** playbook.
- Performed and regulated database maintenance on **AWS RDS** and **AWS DynamoDB** by improving tasks/jobs.
- Controlled DOS and DDOS attack impacts by analyzing network logs (CDN and Network load Balancer), Application logs and server logs via **Athena**, **Splunk** and **Kibana**.
- Supported SSL certificate infrastructure for all Toyota related domains globally via **AWS ACM** and manual certificate installation.
- Improved APM solution by replacing legacy **AppDynamics** with current generation **Dynatrace**, saving 0.6M per year in licensing costs.
- Implemented and maintained real-time Synthetics monitoring solution for sixty-three application critical user-flows.
- Accelerated Incident management process by automating crucial tasks with **PagerDuty**, significantly reducing the MTTA and MTTR with immediate improvement of 80% and 30%, respectively.
- Drafted runbooks using **Confluence** to deploy and decommission high availability services and applications with zero downtime.
- Managed and maintained user access using **LDAP**, Microsoft Azure Active Directory, and Microsoft Identity Management systems.
- Collaborated with the application development team to create high availability and high-volume environments following agile principles using **ServiceNow**.
- Facilitated change management (**ITIL**) process by creating RFCs via **ServiceNow** and elucidating impact on production systems in CAB meetings with upper management.
- Troubleshoot and resolved severity one and severity two incidents through collaboration with Development teams and the Central incident management team.
- Drafted RCA and major Incident information reports for Upper management.

Environment : Azure, AWS, Jenkins, PagerDuty, CyberArk, Dynatrace, AppDynamics, Git, GitLab, Apache, Tomcat, Nginx, Imperva.

Lex Refactor LTD
Cloud Engineer Intern

(May 2019 – September 2019)

Roles & Responsibilities:

- Created and supported **Docker** containerized cloud infrastructure for the primary web application.
- Assisted in the development of streamlined and minimal impact backend applications using **Nodejs** and **React**.
- Improved workflow by implementing Agile methodology and shifting the project into a **SCRUM** env using **Jira**.
- Setup and maintained company email infrastructure.

- Built AI rig from scratch to train machine learning models.
Environment: Rack space, IntelliJ WebStorm, AWS LightSail.

MIXER LABS IT SERVICES PVT LTD
Network Engineer

(July 2013 – December 2016)

Roles & Responsibilities:

- Planned, designed, and implemented a Local area network consisting of Layer 2 switches, routers, and ASA firewalls.
- Configured **RSTP**, **VTP**, and **VLAN** configurations on CISCO Catalyst switches.
- Configured dynamic routing protocols **RIP V2**, **OSPF**, and **EIGRP** using CISCO IOS.
- Analyzed and documented the state of the existing network and recommended optimization for better access using **Cisco AnyConnect VPN**.
- Checked and maintained image integrity of all CISCO Device images by taking backups and patching when required.
- Configured **CISCO ASA 5510** Series Firewalls with active-active failover.

Environment : CISCO IOS, Checkpoint, Palo Alto.

Certification:

CISCO CCNA Routing and Switching (scored **961/1000**)

August 2016

Education:

University of the Cumberlands

Kentucky

Master of Business Administration

(January 2022 – August 2023)

THE GEORGE WASHINGTON UNIVERSITY

WASHINGTON DC

Master of Science- Electrical Engineering

(January 2017- December 2018)

FR. CONCEICAO RODRIGUES INSTITUTE OF TECHNOLOGY (MUMBAI UNIVERSITY) MUMBAI

Bachelor of Electrical Engineering

(June 2009 - June 2013)