

Riten Mehta

DevOps Engineer

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Results-driven engineer with 5+ years of experience in architecting robust, scalable, and automated solutions, optimizing deployment pipelines, and enhancing system reliability to drive operational efficiency.

Seasoned in overseeing Java architecture using AWS servers, orchestrating integration, and managing deployment pipelines for optimal scalability. Skilled in implementing and optimizing CI/CD workflows, utilizing Concourse CI, Kubernetes, and other cutting-edge technologies. Known for enhancing system stability through proactive preventive measures and fostering effective communication within teams. Strong proficiency in cloud technologies, containerization, and configuration management tools. Proven ability to streamline operations, enhance system stability, and collaborate with cross-functional teams to achieve organizational goals.

Areas of Expertise

- Technical Integration
- Infrastructure Management
- Security & Compliance Automation
- Microservices Architecture
- Project & Program Management
- Disaster Recovery Planning
- AWS Server Management
- Cloud Cost Optimization
- Team Collaboration & Leadership
- Software Development
- DevOps Metrics & KPIs
- Continuous Improvement

Professional Experience

Technology Stack: Cloud, DevOps, JAVA, Git, Kubernetes, Terraform, Nginx, AWS, Linux, Grafana, Microservices, Jira, Python, Confluence, Galera, Prometheus

Tools: Teamwork, Communication, Concourse CI, Git, Bitbucket, Gradle, CI, Jenkins, Docker, Spring Boot/Security

Professional Experience

Valtech, Pune, India

2023 – Present

Systems Engineer - DevOps

Oversee Java architecture with end-to-end management by leveraging AWS servers for scalable and efficient operations. Optimize system performance, orchestrate integration, and manage deployment pipelines for optimal scalability. Handle implementation of Concourse CI to optimize workflows. Orchestrate Kubernetes cluster to optimize system resilience and efficiency. Conduct Live Unit Performance testing to ensure robustness of the system. Implement testing strategies while meticulously documenting procedures, configurations, and best practices for seamless execution. Foster strategic collaboration with external partners, including MHP, Porsche, and Cariad. Lead PI planning sessions to ensure goal alignment and prioritize tasks effectively.

- Maintained organized system for team reference while effectively responding to incidents to minimize disruptions.
- Directed registration process for 25 million cars within Audi ecosystem by ensuring resilient infrastructure and effective oversight.
- Enhanced system stability through proactive preventive measures and promoted team stability by fostering effective communication and cooperation.

Asite, Ahmedabad, India

2021 – 2023

DevOps Engineer II

Engineered DevOps and Infrastructure automation solutions to address clients' specific needs and challenges. Established overall, scalable CI/CD pipelines across diverse language platforms (Java, Spring Boot, iOS, Android) through Jenkins, Kubernetes, and Jfrog, supporting 8+ microservices in Dev, Stage, UAT, and Production environments. Streamlined middleware operations through AWS SQS, Lambda, and Groovy/Shell scripting for efficient automation. Deployed AWS EC2 configuration management through AMI Baking for streamlined deployment and scaling. Supervised DevOps teams by implementing Agile methodologies with JIRA and optimizing Sprint and Confluence utilization for enhanced productivity.

- Automated Azure DevOps pipeline with Prometheus and Grafana for event-driven monitoring at zero cost.
- Employed zero downtime continuous deployments on AWS EKS with Helm Charts, utilizing canary and blue/green deployment strategies.
- Accelerated production release timelines by 60% through implementation of system that streamline onboarding of new microservices, leveraging developer-centric mechanisms facilitated by Terraform.

Ratnamani Metals & Tubes LTD., Ahmedabad, India **Engineer**

2019 – 2021

Configured Azure Services, including VMs, Azure DevOps, databases, SAP on Azure, HUB, Spoke, Subscription management, Blobs Storage, and DB script lifecycle management for VMs. Applied Azure Virtual Desktop configuration for SAP and R&D applications. Carried out cost optimization strategies and migrated on-premises infrastructure to Azure.

- Accomplished Azure Intune to set up and secure organizational devices, conducted testing on devices, such as PLC-SCADA machines, and ensured security of automation machinery.
- Administered SAP MM by overseeing user management and configuration, while delivering instructional demos on creating Purchase Requests (PR), Purchase Orders (PO), and other relevant processes.

Career Note

Assistant Technical Consultant | Intech Systems, Ahmedabad, India

- Provisioned AWS infrastructure (VPC, EC2, ECS, EBS, S3) with Terraform and established containerized continuous deployment pipelines using Ansible.
- Updated cloud-costing, selected optimal cloud platform for client solutions, and established centralized application logging with ELK Stack for efficient management.
- Ensured seamless operation of 30+ CSP clients on Azure and 5+ CSP clients on AWS by overseeing resource management and maintaining 24/7 service health.
- Performed EC2 pricing analysis for SAP Migration on Azure Cloud, crafted customized architecture solutions for individual clients, managed O365/Microsoft Exchange, and orchestrated Azure DevOps pricing and solutions.

Education

Bachelor of Technology in Computer Engineering | R.K. University, Rajkot, India

Languages

Fluent - English | **Native** - Hindi