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|  | **Career Objective**  *Highly accomplished & versatile technocrat with* ***over 18 years*** *of experience in Site Reliability Engineering, Program & Project Management, Delivery Management, and Production Support;**targeting**leadership roles in* ***Site Reliability Engineering*** | | |
| **ASHISH KUMAR TRIPATHI**  18 YOE/IIT Varanasi/IIM Rohtak/Consulting/Architect | |  | +91 – 7760337744 |
|  | ashishkumar.tripathi@nttdata.com |
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| **Core Competencies**  Application Performance Management  Service Integration & Analytics  Google Cloud / AWS Architect / SRE  Risk Analysis & Mitigation  Client & Vendor Management  Consulting & Delivery management  Program & Project Management  Budgeting & Cost Management  Team Building & Leadership  Process & Operational Excellence  Stakeholder Management  **Certifications**   |  |  | | --- | --- | |  |  | |  |  | |  |  | | **Profile Summary**   * A seasoned professional with multi-disciplinary experience across **Site Reliability Engineering, Application performance management Consulting, Program Management, Technical Architecture, and People Management** * Currently working as a **Industry consulting senior manager** at NTT ensuring consulting goals are met, adjusting these goals as needed, and providing guidance that have led to technical implementation across monitoring stack * Gained rich experience in **End to End Observability (Open Telemetry,Grafana,Splunk ITSI)**  with a strong track record of successfully implementing projects; expertise in, **Automation Skills** (Ansible, Dynamic Automation, Terraform, Python), **Monitoring Tools** (Prometheus, Grafana, Jaeger), **Reporting & Analytical Tools** (AIOps) **Cloud Skills** (GCP,AWS) * Proficient in setting & maintaining **high-quality consulting standards** across observability areas, including team building, process optimization, and collaboration in complex organizational structures, to meet SLAs and business requirements effectively * Experience in CI/CD processes design implementation and process orchestration, Architecture leading to optimal infra investment vs performance and scale * Track record of transforming **monolithic architecture to microservice based architecture (API manager, API Gateway including event architecture)**   **Technical Skills**  **Cloud Services:** AWS, Google Cloud Platform (GCP)  **Containerization & Orchestration:** Kubernetes, docker  **Monitoring & Alerting:** Grafana, Prometheus, Open telemetry, Nagios, Jaeger, Splunk ITSI  **Programming & Scripting Language:** Python  **Automation & Configuration Management:** Ansible, Terraform  **Virtualization:** VMWare, VRealize Operations (VRO), VRealize Automation (VRA)  **Reporting & Analytics:** AIOps  **Networking:** NSX-v (Basic)  **Industry Expertise:** Banking, Telecom  **Devops tools:**- Cloud Build,Jenkins,github,cloud code,Artifact Registery,GKE,cloud run  **June24 -Present :NTT Data (HSBC) as Tech Architect( Senior Consulting Manager)**   * Lead the E2E obseravability POC’s via Open Telemetry for Microservice & Monolithic applications * Monitoring framework enhancement for all three pillars ( Matrices,Traces & logs) * Solution architecture revamp for prometheus based monitoring for IKP applications * OTEL configurations for java based application instrumentation including deployment stategy across IKP & GKE environment * Working closely with CTO team on glass tables,data ingestion for 4 applications in Splunk ITSI for E2E obseravbility visualization * Deployment & configuration of Jaeger for capturing application traces & promtheus for application/infra metrices collections   **Sep’21 – June24: Kyndryl, Bengaluru as Senior Lead – SRE**  **Key Result Areas:**   * Conducting ongoing design thinking sessions with platform/Application SREs to discover gaps and opportunities; collaborating with various tech disciplines and SREs to prioritize tasks * Lead the Technical Design Authority and Assurance (Architecture Reviews, Program Assurance and Governance), ensuring adherence to Group IT strategy, Architecture, Policies and Standards. * Owning the Architecture Debt, Enterprise Architecture backlog including, the exceptions made to the architecture standards and ensure timely review and follow up is done by IT management. * Regularly reviewing the RCA process for blameless postmortems, lead incident response, and enhance system resilience. * Involved in infrastructure as code, execution plans, and resource graph and change automation using Terraform/Ansible. * Managed GCP/AWS infrastructure as code using Terraform. Provisioned cloud resources like S3 buckets cloud storage, App engine, API gateway, cloud dns etc using Terraform Infrastructure as Code (IAC) * Written Terraform scripts to automate GCP/AWS services which include ELB, Cloud Front distribution, cloud spanner, EC2/Cloud compute, database security groups, Route 53/DNS , VPC, Subnets, Security Groups etc * Designed and deployed a secure and scalable multi-region GCP based applications, enhancing system reliability by 99.99% and supporting a 100% increase in global user traffic. * Collaborated with cross-functional teams to integrate advanced machine learning models into the cloud platform, boosting predictive analytics accuracy by 35%. * Revamped the company's data security posture on GCP by enforcing IAM best practices and leveraging Cloud Security Command Center, resulting in zero security breaches over a two-year period. * Migrating on prem & IBM cloud based application to GCP that includes planning, implementation * Written Ansible playbooks to configure deploy and maintain software components of the existing infrastructure. * Reduced system response times by 20% after optimizing Kubernetes pod and service configurations for performance. * Reduced infrastructure costs by 30% through optimizing Kubernetes resource usage and container orchestration * Implemented Kubernetes cluster that resulted in a 50% reduction in application deployment times, demonstrating efficiency improvements. * Managed Kubernetes deployments scaling to handle 10,000+ transactions per minute, indicating high-performance setup capabilities * Reviewing SLOs to set measurable reliability targets aligned with business expectations, providing impact assessments for critical machine migrations in production. * Collaborating with architects on POCs to model the future estate, conduct client maturity assessments, and secure approvals for implementation. * Tracking use-case progress & highlighting SRE practice benefits in monthly reviews * Improved deployment success rates by 40% through the adoption of Kubernetes automated rolling updates and rollback strategies * Establishing security baselines, capacity thresholds, event correlation, and monitoring/ alerting criteria for applications * Conducted routine capacity planning and performance tuning of the Kubernetes environment, enhancing system throughput by 30% and decreasing latency * Ensuring critical system and service reliability by defining and measuring SLOs & SLIs and continuously improving service reliability * Developing and maintaining automation scripts and tools for SRE tasks like deployment, configuration management, and monitoring * Developing, implementing, and maintaining Cloud security guidelines, standards, and best practices within the cloud architecture * Planning & executing disaster recovery strategies for uninterrupted business operations during system failures or disasters. * worked as the Technical Leader with strong knowledge of Enterprise and Solution Architecture concepts, values, methodologies, and differentiators. * Defined technical roadmap and worked on capability-based architecture analysis, customer and stakeholder analysis and management.   **Jan’12 – Sep’21: IBM India Pvt. Ltd., Bengaluru**  **Key Result Areas:**  ***Senior Lead SRE***   * Drove complex projects or multiple components of a large project involving products from different companies. * Written Terraform scripts to automate AWS services which include ELB, Cloud Front distribution, RDS, EC2, database security groups, Route 53, VPC, Subnets, Security Groups, and S3 Bucket and converted existing AWS infrastructure to AWS Lambda deployed via Terraform and AWS CloudFormation * Engaged with internal & external clients to understand their specific requirements and expectations. * Managed employee program processes, procedures, methods, and standards to track project delivery across Development, Testing, Business, and Support Teams * Proactively identified risks & defined go-live & post-production monitoring strategies * Held daily status & governance calls with Client Business Managers and the Delivery Team, resulting in both tangible and intangible benefits for the business and clients. * participate in Core Practice and Cloud Competency building, COE efforts * work closely with Partner Managers, Partners, and vendor Professional Services during the lifecycle of the POC customer engagements top drive customer POCs to completion * validate partner POC architectures, deliverables, SOWs, project plans, and other assets required to successfully deliver customer engagements * Strategy & Innovation: articulate business/industry fundamentals (e.g., ROI, CBA, TCO); understand regulations and operational excellence; familiarity with business strategy and trends in the IT industry * Detailed knowledge of architectural approaches including consolidation, cloud computing, virtualization, disaster recovery, information management. * Identify leading Cloud services (IaaS, PaaS, SaaS, BPaaS) to provide guidance and make recommendations based on a capabilities assessment. * Provide roadmap and migration methodology and identify quick wins. * help co-create solutions and use my strategic thinking skills as to consult customers, * Provide assessment of current state architecture and recommendation of future state architecture   ***Technical Service Manager / Team Leader***   * Led teams covering diverse technology domains such as RPA, Dynamic Automation, VMware, Citrix, storage, cloud ops and backup engineers across EMEA, MEA, and NA regions * Conducted review meetings to monitor project progress, align with schedules and budgets, and ensure on-time delivery and ongoing application support * Prepared proposals, business presentations (RFP/ RFI & SOW), resource plans, architecture assessments, technical guidance, effort estimates, risk management, and training * Consistently met deadlines and TAT requirements while upholding high-quality standards and adherence to SLAs   **TCS**, Gandhinagar as **IT Analyst** Apr’10 – Jan’12   * Responsible for oracle & storage-based DC implementation solution at client data center * **Mphasis**, Pune as **Lead Engineer** Mar’09 – Apr’10 * **Satyam Computers**, Mumbai as **System Engineer** Jul’07 – Feb’09 | | |