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| **Email: mbarathtrainer@gmail.com****BARATH MOHAN** **TECHNICAL TRAINER**`**Phone: +91 7397701588**Technical trainer with over 15 years of experience in Production Support, SRE, Cloud Computing, DevOps, GenAI and Project Management, expertise in Cloud and DevOps, Incident Management, Change Management, Problem Management, and Project Management, contributing to organizational growth objectives, seeking opportunities as Architect, DevOps Lead, Sr. Engineer, Techno-Manager, preferably in Bengaluru, Hyderabad  |
| Executive Profile* A result-driven professional offering 15+ years of comprehensive experience in the IT industry, with a specialization in Cloud and DevOps, Incident Management, Change Management, Problem Management, GenAI and Project Management across various industries
* Presently serving as a Technical Manager at HCL Technologies Limited, adept at building and maintaining CI/CD pipelines using AWS, Azure DevOps, and Gitlab CI, ensuring seamless integration and deployment processes
* Proficiency in leading teams, managing client interactions, and consistently ensuring 100% client satisfaction throughout a diverse career in the IT sector
* Key skills and competencies encompass Cloud Computing, DevOps, Scrum, Agile, Requirement Analysis, Solution Customization, and Team Leadership, contributing to the successful execution of projects and client satisfaction
* Developed and delivered comprehensive training programs covering fundamental principles of Site Reliability Engineering (SRE), including reliability engineering practices, incident management, and reliability metrics.
* Achieved significant improvements in infrastructure and system reliability, performance, monitoring, and overall stability of the platform in the current role, showcasing a strong ability to drive positive change and deliver results
* Expertise in team management, project management, incident and major incident management, vendor coordination, capacity planning, security assessment, troubleshooting, and problem resolution.
* Proven ability to develop and maintain strong cross-functional relationships, collaborating with stakeholders to align technical efforts with organizational goals
* Incident Management: Proficient in managing and resolving incidents promptly to minimize downtime and ensure system reliability, following established incident response processes and utilizing incident management tools effectively.
* Monitoring and Alerting: Skilled in setting up comprehensive monitoring and alerting systems using tools like Prometheus, Grafana, Nagios, or custom solutions, to proactively detect issues and performance bottlenecks.
* Automation and Scripting: Experienced in automating repetitive tasks and infrastructure provisioning using scripting languages (e.g., Python, Bash) and configuration management tools (e.g., Ansible, Puppet, Chef) to streamline operations and reduce manual intervention.
* Capacity Planning and Scalability: Knowledgeable about conducting capacity planning exercises to forecast resource requirements and ensure systems can handle current and future workloads efficiently, implementing scalability strategies such as horizontal and vertical scaling.
* Reliability Engineering Practices: Familiar with implementing reliability engineering best practices, including error budgeting, service level indicators (SLIs), service level objectives (SLOs), and error budget policies to balance feature development with reliability goals.
* Deployment Automation: Proficient in implementing continuous integration and continuous deployment (CI/CD) pipelines using tools like Jenkins, GitLab CI/CD, or Circle CI to automate software builds, testing, and deployment processes, ensuring reliable and consistent releases.
* Resilience Engineering: Skilled in designing and implementing resilient architectures and fault-tolerant systems using techniques such as redundancy, failover, load balancing, and graceful degradation to minimize service disruptions and maintain uptime.
* Postmortem Analysis: Experienced in conducting postmortem reviews following incidents to identify root causes, contributing factors, and actionable improvements, fostering a blameless culture and driving continuous improvement in system reliability.
* Cloud Computing Platforms: Knowledgeable about deploying and managing infrastructure and applications on cloud platforms such as AWS, Google Cloud Platform (GCP), or Microsoft Azure, leveraging cloud-native services and technologies to improve scalability, reliability, and cost efficiency.
* Service-Level Agreements (SLAs) and SLA Management: Proficient in defining SLAs, negotiating agreements with stakeholders, and actively managing SLA compliance through monitoring, reporting, and performance optimization efforts.

Technical Skills* Versioning Tool: Git / GitHub
* CI/CD: Azure DevOps, Jenkins, GitLab
* Build Tools: Maven
* Container: Docker, Kubernetes
* Automation: Terraform, Ansible
* SRE Technologies:
	+ Service Level Objectives (SLOs): Defining and monitoring SLOs using tools like Datadog and Dynatrace to ensure service reliability meets established targets.
	+ Observability: Implementing observability practices using tools like Prometheus, Grafana, and ELK stack (Elasticsearch, Logstash, Kibana) for monitoring, logging, and tracing
	+ Incident Management: Utilizing incident management tools and practices integrated with CI/CD pipelines and monitoring systems for efficient incident detection, response, and resolution.
	+ Error Budgets: Implementing error budget policies and tracking error budgets using custom solutions or integrations with monitoring tools like Prometheus and Grafana.
* Database: PostgreSQL, DynamoDB
* Virtualization Product: Citrix, VMware
* Planning/Presentation Tools: MS Office
* Cloud Computing: Azure, Amazon Web Services (AWS), and Google Cloud Platform (GCP)
* Monitoring Tools: ELK (Elasticsearch, Logstash, Kibana), Datadog, Prometheus, Grafana, Dynatrace
* Generative AI

Client Details (Recent five)Client: MicronTopic: Foundation TrainingTools: Agile, ITIL, Generative AI, DevOps, Scrum, Enterprise ArchitectDuration: 5 days Client: MicronTopic: Platform EngineeringTools: Linux, Storage, GenerativeAI Databases, Citrix, Docker, Kubernetes, Azure DevOps, Azure, Terraform, Ansible, ITILDuration: 35 daysClient: BlueyonderTopics: DevOps and SRETools: SRE Foundation, DevOps, ITIL , Linux, Git, Github action, Jenkins, Azure, Azure DevOps, Terraform, AnsibleDuration: 20 daysClient: DXC (Malaysia) Topics: Database Performance tuning and optimizationTools: MariaDBDuration: 3 days Client : Publicis SapientTopic: ITIL & SRETools: ServicenowDuration: 4 daysClient : WiproTopic: DatacenterTools: Windows, Linux, Networking, ITIL, WebservicesDuration: 22 daysClient : WiproTopic: Citrix VDITools: Citrix VAD, Windows, Networking, MCS, PVSDuration: 5 daysCertificates* Microsoft Certified Azure Solution Architect Expert
* Amazon Web Services (AWS) Solutions Architect Associate
* Citrix Certified Professional - Virtualization (CCP - V)
* Certified Scrum Master(CSM)
* Certified Site Reliability Engineer Foundation offered by GSD Council
 | Key Impact AreasCloud Computing and DevOpsSite Reliability EngineeringPlatform Engineering Incident and Change ManagementProblem and Project ManagementITIL Service ManagementRequirement Analysis and Solution CustomizationClient Interaction and SatisfactionTeam Leadership and CollaborationAgile and Scrum MethodologiesSoft Skills ThinkerAnalyticalCommunicatorCollaboratorEducation & Credentials* M.Sc. in Computer Science & Information Technology, Madurai Kamaraj University, Madurai
* B.Sc. in Computer Science, Madurai Kamaraj University, Madurai
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