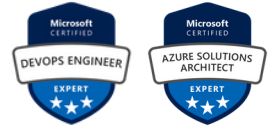# Suthakar Paramathma

"I'm driven to build a challenging career at a respected company. I'll use my proven skills and actively learn new ones to make a valuable contribution"

- 17.2 Years' of Experience in Information Technology
- 5.1 Years of experience on **Application Automation – CI/CD Pipeline**
- 5.7 Years Design Infrastructure on **Azure Cloud Administration & Support**

WORK EXPERIENCE

DevOps & DevSecOps Automation

- **DevOps**: Design and implementing automated infrastructure provisioning and configuration management using tools such as Terraform and Ansible, reducing deployment time by 30% and ensuring consistent environments

- Establish end-to-end CI/CD pipelines, integrating with GitHub and Azure DevOps, to streamline the software delivery process, resulting in a 40% decrease in release cycles and improved overall software delivery.

- Develop and maintaining automated testing frameworks, integrating tools like Selenium, Katalon (KRE) and JUnit, resulting in a 30% improvement in test coverage and a significant reduction in post-release defects

- Utilized **GitOps** principles for infrastructure as code (IaC) to automate provisioning and configuration, ensuring consistency across environments

- **DevSecOps:** Hands on experience running SCA, SAST, DAST, SonarQube setup, configuration, code analysis and continuous inspection of code quality in Quality gate

- **Security Configuration Management** (SCM) - Automated security configuration scans and remediation workflows, improving overall security posture

Plan & Track
JIRA, Confluence, Azure Board, SharePoint

Version Control
GitHub, Azure Repo, Branching Strategy, Release Plan

CI/CD, Build & Deploy
Azure DevOps, GitHub Action

Code Quality
SonarQube, CodeQL, Trivy

Infra as Code (IaC)
Terraform

DevSecOps
SCA, SAST, DAST

Testing
Katalon, JUnit, Selenium

Kubernetes Development & Deployment

- Develop and deployed multiple projects on AKS to achieve efficient containerized application management

- Implementing Kubernetes clusters, ensuring optimal resource utilization and scalability for microservices architecture

- Orchestrate continuous integration and delivery (CI/CD) pipelines, integrating AKS with Azure DevOps for seamless automated workflows

- Manage Kubernetes configurations, secrets, and RBAC policies to enhance security and access controls

- Collaborating with cross-functional teams to optimize application performance, troubleshooting issues, and maintaining high availability

Development
Docker, Minikube K8 Dashboard

Deployment
kubectl, Helm, Kustomize ArgoCD, ACR, Nexues

Monitoring
Grafana

Security and Compliance
Trivy, kube-hunter and RBAC in K8s

CI/CD Integration
Azure DevOps, GitHub Actions

Azure Cloud Administration

- Managing and maintaining Azure virtual machines, storage accounts, networking components, and other infrastructure resources to ensure optimal performance, scalability, and availability

- Implementing security best practices, monitoring for security threats, and ensuring compliance with industry standards and regulations such as GDPR or HIPAA. Highlight any experience with Azure Security Center or Azure Policy

- Using Azure Monitor and other monitoring tools to track resource usage, analyze performance metrics, and optimize resource utilization to control costs while maintaining performance.

- Deploying applications and services in Azure using Infrastructure as Code (IaC) tools like Azure Resource Manager templates or Azure DevOps pipelines, automating repetitive tasks, and ensuring the reliability of deployments

- Implementing backup and disaster recovery strategies using Azure Backup, Azure Site Recovery, or other relevant Azure services to ensure data integrity and business continuity

- Responding to incidents, diagnosing and resolving issues, and providing technical support to end-users and stakeholders. Highlight your problem-solving skills and experience in dealing with complex Azure-related challenges.

Infrastructure and Optimization
VMs, Storage Accounts,VPC, Load Balancer, Application Gateway Traffic Manager

Security and Compliance
Security Center, Policy, Entra ID, Key Vault, Identity and Access Management

Monitoring
Application Insights, Log Analytics, Cost Management and Billing

IaC and Automation
ARM, Terraform, Logic Apps, Functions

Backup and Disaster Recovery
Backup, Site Recovery, Resource Manager Templates for DR automation

Incident and Problem Solving
Monitor Alerts and Actions, Application Insights Alerts, Service Health, Support and SLA Management, Diagnostics and Troubleshooting Tools

PROFESSIONAL EXPERIENCE

Maybank, Kuala Lumpur - Malaysia
DevOps Engineer - *Feb 2023 to Present*

Hexaware Technologies, Chennai - India
Sr. Technical Architect - *Dec 2012 to Jan 2023*

Ford Motor Company, Chennai - India
Project Leader - *Feb 2008 to Nov 2012*

Computer Science Corporation, Chennai - India
Sr. Software Engineer - *Aug 2006 to Jan 2008*

EDUCATIONAL QUALIFICATION

MBA
Annamalai University - India

B.Sc Computer Science
Bharadhidasan University - India

CERTIFICATIONS

- **AZ-305**: Azure Solutions Architect Expert

- **AZ-400**: Microsoft DevOps Solutions

- **AZ-104**: Microsoft Azure Administrator

- **AZ-900**: Microsoft Azure Fundamentals