Contact

Bengaluru, Karnataka

writetopradeepkumar@gmail.com

+91 7406049233

https://pradeepsquest.in

Core Competencies

Devops, Terraform, Azure, AWS, Azure Devops, Jenkins, Docker, Kubernetes

Technology & tools

Languages	Bash, PowerShell, Nodejs, C#, Python
Cloud	Azure, AWS
CI/CD tools	Azure Devops, Terraform, Docker, Jenkins, Packer, Chef, Ansible, Git, TFS, Mlflow
Database	Azure SQL, SQL Server, Azure Cosmos
Monitoring	Splunk, AppDynamics, Run Scope, SonarQube,

DEVOPS & CLOUD CONSULTANT

Pradeep kumar B N

Objective

Experienced Cloud & DevOps Consultant with 14.5 years of expertise in the SDLC. Proficient in provisioning, managing, and securing cloud resources in Azure and AWS cloud, and well-versed in System Design and Application Architecture. Seeking a role where I can use my expertise to contribute to exciting projects and help businesses grow.

skills & abilities

Cloud Expertise

- Proficient in designing and building Cloud Infrastructure with IaaS, PaaS and SaaS offerings.
- Skilled in provisioning cloud resources and deploying applications using **Terraform**, ARM templates, **Azure devops** and Jenkins
- Implementing Infrastructure as Code (IaC) with various DevOps tools.

DevOps and CI/CD:

- Experienced in building CI/CD pipelines with various DevOps tools like Azure Devops, Terraform, ARM, Jenkins, Packer, Chef, Ansible and Git tools.
- Familiar with Agile methodologies, including Scrum and Test-Driven Development.

Cloud Security:

- Knowledgeable in controlling cloud security with policy-driven monitoring.
- Proficient in securing Cloud resources using services like IAM, Managed identity, Vnet,VPC, NSGs, Security Center and Key Vault.

Cloud Solutions and services:

- Proficient in architecting solutions based on Microsoft Azure including **VMs, App Service, Azure Functions, Azure API Management, Data Factory, HDInsight, AKS, Service Bus and storage services like Azure SQL, ADLS, Blob storage.**

	Azure Monitor, Azure Log Analytics
Collaboration	Jira, Azure Boards, Zendesk, Slack, MS Teams
OS	Linux, Windows, IOS
IDE	VS Code, Visual Studio

CERTIFICATIONS

EDUCATION

- ☐ **MASTERS IN INFORMATION TECHNOLOGY** FROM KUVEMPU UNIVERSITY
- ☐ **BACHELOR OF SCIENCE** FROM BENGALURU UNIVERSITY

- Familiar with Azure and AWS Monitoring and Management tools, such as Azure Log Analytics, Application Insights, Cloud watch, Splunk, AppDynamics
- Experience in designing and implementing system using AWS services like **EC2, EBS, ACR, Lambda, S3**

Container and task Orchestration, MLOps and Airflow:

- Expertise in containerizing applications using Docker and managing them through Azure Kubernetes Service (AKS).
- Skilled in implementing MLOps and Data Orchestration using AKS, MLflow, Airflow, Azure Data Factory and KEDA for efficient machine learning workflows and event-driven scaling.

Microsoft Entra ID:

- Configuring Azure AD, Application registration, app roles, and access with Microsoft Entra ID.
- Implementing security measures like Multi-Factor Authentication, Identity Protection, User access management and RBAC.

Response and Documentation:

- Capable of identifying threats with behavioral analysis and responding to incidents promptly.
- Providing documentation using wiki and readme files for clear understanding.

EXPERIENCE

LEAD CONSULTANT

Wipro Technologies | Bengaluru, Karnataka | Nov 2019 - Present
Projects:
Blue Box - A software solution from Sulzer for advanced pump optimization and failures prevention by transforming data into trusted and actionable insights.

- Designed and built Sulzer's IoT data processing and visualization platform on Azure.
- Provisioned resources with IaC tools and established CI/CD pipelines using YAML.
- Developed secure networking solutions and implemented monitoring with Azure native tools.
- Containerized applications using Docker and AKS; designed event-driven computing systems.
- Implemented MLOps practices with MLflow, AKS, Azure DevOps, and KEDA.
- Collaborated with vendors and Microsoft support; provided technical advice, training, and mentoring.

Platform and Tech Stacks:

Azure, Terraform, Azure DevOps, HDInsight, Azure App Services, AKS, Azure Cosmos, Azure SQL Server, Azure PostgreSQL, Docker, ASP.NET, PowerShell, Python, Shell, Azure Functions, Node.js, SFTP, Azure Storage, Azure Monitor and Automation, Packer, Azure networking, Azure Batch, App Gateway, SonarQube.

SDE I
Tesco | Bengaluru, Karnataka | Sept 2011 – Oct 2019
Projects:
Stored Value Coupon - This is a Tesco's coupon API to create, get and redeem coupons.
Stored Value points - This is a Tesco's points api to earn and burn loyalty points.
Juvo – Tesco's online Grocery Customer service application
Next Generation Clubcard – Tesco's Application for Clubcard and Loyalty program
Campaign Management – Tesco's application for creating and targeting campaigns for customers.

- Designed and developed a platform for API services on Azure and AWS.
- Created CI/CD pipelines with Azure DevOps and Jenkins for seamless deployment.
- Deployed APIs in Azure Kubernetes Service using Application Gateway Ingress Controller.
- Provisioned infrastructure with Terraform.
- Developed applications and APIs using Elixir, ASP.net, and Node.js.
- Implemented high availability and disaster recovery systems; automated DB backup and restoration tests for Couchbase DB.
- Set up dashboards and metrics with Splunk and Runscope for effective monitoring.
- Worked on backend DB systems and data migration.
- Collaborated with vendors, served as a technical point of contact, and refined stories, designed, developed, created automated test cases, built demo interfaces, and took projects to production.

Platform and Tech Stacks: Azure, AWS, Terraform, Azure DevOps, Ansible-Vault, Jenkins, SQL Server, PostgreSQL, Docker, Kubernetes, Elixir Phoenix, GitHub, ASP.net, HTML, CSS, WCF, MVC, Tibco, TFS, JavaScript, Node.js, Packer, Kafka, Vagrant, Cucumber.

SOFTWARE ENGINEER
Aptean corporation formerly Consona corporation| Bengaluru, Karnataka | Nov 2009 – sept 2011
Projects:
Made2manage CADLink - This is a service which links CAD tools and ERP systems.
Supply Works - Web application can collaborate ERP and Suppliers

- Development and bug fixing, unit testing, CRM, packaging and deployment activities.
- Collaborated with onsite teams for project coordination.
  Platform and Tech Stacks: Classic ASP, HTML, CSS, ASP.NET, WCF, C#, SQL Server, VSS.