



Pradeep Kumar B N

Cloud Architect & Devops Consultant

About Me

A cloud **Consultant and Architect having 13 years of experience** in software development lifecycle from requirement analysis, design, development, integration, deployment, documentation and post implementation process in multi tiered distributed architecture with object-oriented methodologies.

I am responsible for provisioning, managing, maintaining, monitoring, and securing cloud resources including installations, upgrades, patches, and documentation.

Age	37
Sex	Male
Speak	English, Kannada, Hindi
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Nationality	Indian
Marital Status	Married

Skills

- Architecting Azure Infrastructure as a Service (IaaS), Platform as a Service (PaaS) Implementation
- Provisioning Cloud resources using Terraform and ARM templates
- Implement Infrastructure as a code with various DevOps tools
- Building CI / CD pipelines based on various DevOps tools
- Good understanding of Azure and AWS cloud platform and can build applications E2E with automated Devops pipelines
- Well acquainted with Agile using Scrum, Test driven development with multi domain platform
- Controlling cloud security with policy-driven monitoring of security configurations
- Containerizing applications via Docker / Kubernetes (AKS)
- Azure Compute Services design, configuration, and optimization:Virtual Machines,App Service(Web App, Logic App, containers), ASE, Azure Functions, Azure Batch, HDInsight, AKS
- Architecting, designing, and securing elastic storage in Azure: Blob, queue, File, Disk, Azure Backup, Azure Site Recovery
- Architecting and designing solutions based on Microsoft Azure: Azure API Management, Data Factory, Service bus, Application Gateway,Virtual Network,NSG, WAF, Load balancer, Front door
- Azure Monitoring and Management solutions: Azure log Analytics, Application Insights, Automation, Backup, Site Recovery, Azure Monitor
- Configuring Azure AD, Application registration, app roles and access, MFA, Identity protection
- Securing Azure Resources and implementing Security in Azure: Security Center, Key Vault, Azure Active Directory, Multi-factor Authentication
- Create DevOps pipeline dev/test/QA/ production in Azure DevOps and Jenkins
- Finding threats with behavioral analysis based on our global intelligence and expertise
- Respond to incidents quickly with insights into attacks and suggestions for remediation
- Documentation using wiki

Technology & Tools

Languages	Bash, PowerShell, Nodejs, C#
Methodology	Agile Scrum
Cloud	Azure, AWS
CI/CD tools	Azure Devops, Terraform ,Docker, Jenkins, Packer, Chef, Git, TFS
Database	Azure SQL, Azure Postgres, Azure Cosmos
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Monitoring/Analysis	Splunk, AppDynamics, Run Scope, Sonarqube, Azure Monitor, Azure Log Analytics
Project Management tools	Jira, Azure Boards, Zendesk, Slack, MS Teams
Operating System	Linux, Windows, IOS
IDE tools	VS Code, Visual Studio

Certifications



Work Experience

Lead Consultant at Wipro Technology

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.

> Design and built Azure cloud platform for Sulzer's IoT data processing and visualization > Provisioning of resources using IAC tools > Build CI/CD pipeles with yaml configurations > Build networking solutions in cloud to secure the resources > Built monitoring solutions using Azure cloud native tools and Technology > Built Containerizing eco systems, using docker and AKS services > Design and build event driven computing systems > Worked with multiple vendors and Microsoft product and support teams > Implement on Cost optimizations > Responsible for provisioning, managing, maintaining, monitoring, and securing cloud resources including installations, upgrades, patches, and documentation > Give technical advice to team and stake holders > Training and Mentoring resources

Platform and Tech Stacks: Azure, Terraform, Azure Devops, HDInsight, Azure App services, AKS, Azure Cosmos,Azure SQL Server, Azure Postgressql, Docker, ASP.net, Poweshell, Python, Shell, Azure functions, Nodejs, SFTP, Azure Storage, Azure Monitor and Automation, Packer Azure networking, Azure Batch, App gateway, Sonarqube

SDE I at Tesco Bengaluru

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 built platform for API services which is hosted on Azure and AWS cloud. > Built CI/CD pipelines using Azure developos and Jenkins > Designed and deployed API in Azure Kubernetes service with Application gateway ingress controller > Provisioned all the infra components Terraform > Built Docker files > Developed applications, API and backend componets using Elixir, ASPnet, Nodejs > Built high availability and disaster recovery systems > Built automated DB backup and restoration test for Couchbase DB > Visited UK and European countries for requirement gathering and for end user case studies > Worked with multiple vendors and was a point of technical contact for several projects > Worked on backend Db systems and Migration of Data > Involved in setting up dashboards and matrix using Splunk and runscope. > responsible for refining the stories, coming up with design, develop, create automated test cases (Unit, BDD), build demo interfaces and take it to production

Platform and Tech Stacks: Azure, AWS, Terraform, Azure Devops, Ansible-Vault, Jenkins,SQL Server, Postgressql, Docker, Kubernetes, Elixir Phoenix, GitHub, ASPnet, HTML, CSS, WCF, MVC, Tibco, TFS, Java script, Nodejs, Packer, Kafka, Vagrant, Cucumber

Software Engineer at Aptean corporation formerly known as Consona corporation

Jan, 2009 - Sept, 2011

Projects:

Made2manage CADLink - This is a service which links CAD tool and ERP systems

Supply Works - Web application can collaborate ERP and Suppliers

> Built and enhanced web services/API > Fixing bugs and unit testing of the features > Involved in building software shipment packages > Interactions with onsite teams > Involved in deployment and configuration management activities > Writing user manual > Interactions with onsite teams

Platform and Tech Stacks: Classic ASP, HTML, CSS, ASP.net, WCF, c#, SQL Server, VSS

Academics

Masters in Information Technology from Kuvempu University

Bachelor of Science from Bengaluru University