**Ratna kumar Nakka**

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<https://www.youracclaim.com/users/ratna-kumar-nakka/badges>

[credential.net/profile/ratnakumarnakka/wallet](https://www.credential.net/profile/ratnakumarnakka/wallet)

**Profile Summary**

* Experience in architecting and designing solutions on AWS and Azure
* Experience in application migration from on-prem to AWS
* Experience building and managing teams
* Experience in managing Unix and Linux systems
* Experience working in an Agile environment
* Strong verbal and written communication skills
* Good understanding of Google Cloud Platform (GCP)

**Education**

* MBA - Consultancy Management, BITS Pilani
* BS/BE (Hons) - Information Systems, BITS Pilani
* Diploma in ECE from Govt. Institute of Electronics, Secunderabad

**Certifications**

* Microsoft Certified: Azure Solutions Architect Expert
	+ AZ-303 Microsoft Azure Architect Technologies (AZ-303)
	+ AZ-304 Microsoft Azure Architect Design (AZ-304)
* Microsoft Certified: Azure Administrator Associate (AZ-104)
* Microsoft Certified: Azure Fundamentals (AZ-900)
* Microsoft Certified: Azure Data Fundamentals (DP-900)
* AWS Certified Solution Architect – Associate
* AWS Certified Solution Architect - Professional
* AWS Certified Developer - Associate
* AWS Certified SysOps Administrator
* AWS Certified DevOps Engineer – Professional
* Google Cloud Certified Professional – Cloud Architect
* Google Cloud Certified - Associate Cloud Engineer

 **Skills**

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| --- | --- |
| Cloud Provider | AWS, Azure, GCP |
| Source Code Management | Gitlab, Bitbucket |
| IaC | Terraform, CloudFormation, ARM  |
| CI/CD  | GitLab |
| Scripting Language | Python |
| Container Tech | AKS, EKS, GKE, Docker, ECS |
| Monitoring | CloudWatch, Azure monitor |

 **Trainings**

* **Architecting with Google Compute Engine Specialization**

<https://www.coursera.org/account/accomplishments/specialization/DXGQBCV9958S>

* **Architecting with Google Kubernetes Engine Specialization**

<https://www.coursera.org/account/accomplishments/specialization/DXGQBCV9958S>

* **Architecting Hybrid Cloud Infrastructure with Anthos**

<https://www.coursera.org/account/accomplishments/specialization/S8KG3WEE8LNY>

 **Work Experience**

 **Sonata Software Ltd, Hyderabad May-2008 – present**

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| Client | Microsoft |
| Duration | April 2020 - present |

Responsibilities:

* Provide Azure Technical Advisory to Microsoft Azure Customers.
* Help Customers understand the overall Azure solution and create recommendations based specific requirements.
* Through a detailed design discussion focused on application, help customers understand how best to leverage key Azure workloads and services to realize goals.
* Through detailed proof of concepts and sample code, educate customers on best practices for implementation.
* Help setup your applications for health monitoring and diagnostics.
* Help with optimization improvements by educating customers on new Azure services and features.

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| Client | TUI InfoTec, Germany  |
| Duration | May-2008 to Mar-2020 |

 Responsibilities:

 Cloud Team:

* Leading a team of highly skilled AWS Cloud/DevOps/Landing Zone engineers responsible for migration of applications from on-prem to cloud, applications running on ECS cluster and provisioning secured AWS accounts to Business units.
* Migrated applications from On-prem to AWS using Replatform and Rehosting
* Experience with the following AWS services while performing migration using Replatform
	+ Compute (EC2, Lambda)
	+ Data & Storage (S3, RDS, AWS Backup)
	+ Networking & Content Delivery (VPC, CloudFront, Route53, Direct Connect, Transit GW, Transit VPC)
	+ Management & Governance (Systems Manager, Service Catalog, CloudFormation, CloudTrail, AWS Auto Scaling, CloudWatch, Config)
	+ Security, Identity, & Compliance ([IAM](https://console.aws.amazon.com/iam/home?region=us-east-1), [Secrets Manager](https://console.aws.amazon.com/secretsmanager/home?region=us-east-1), [Certificate Manager](https://console.aws.amazon.com/acm/home?region=us-east-1), [Key Management Service](https://console.aws.amazon.com/kms/home?region=us-east-1))
* Experience with end to end migration process
	+ Assessment of application using discovery data
	+ Design target architecture of the application and prepare draft of migration schedule
	+ Develop preliminary migration concept including migration patterns
	+ Prepare operating and cloud infrastructure cost
	+ Deploy Cloud infrastructure using GitLab & Terraform
	+ Created end to end processes and documentation for Cloud Migration Factory along with AWS professional services team
* Appraise business partners on the value proposition of AWS services
* Conduct technical sessions for internal teams and business partners

Unix Team:

* Lead a team of Linux/Unix professionals
* BAU support on Linux/Solaris/Veritas Volume manager/ZFS Appliance
* Interact with vendors for complex issues
* Migration from Sparc to x86 platform
* Perform P2V migration of Linux servers
* Migration from Hitachi storage to IBM storage
* Installed 8 node RHEL cluster on VMware
* Install and Patch PCIDSS compliant servers
* Performed DR tests
* Coordinate onsite and offshore support teams and business partners

**Patni computer Systems Ltd, Hyderabad** July-2007 to Apr-2008

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| --- | --- |
| Client | Virgin Mobile USA |
| Duration | July-2007 to Apr-2008 |

Responsibilities:

* Remote systems administration
* Administration of Solaris / Linux servers
* Administration of Veritas Cluster servers
* Performing backup and recovery operation - Veritas Netbackup (Ver6.0)
* Installation Netbackup software on new clients
* Installing software patches
* Preparing Netbackup Reports
* Perform User management
* File System management
* Scheduling cron jobs
* Weekly meetings with on-site manager
* Involved in Change Management
* Application Support

**CMC Ltd, Hyderabad** Jan-2005 to Jul-2007

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| --- | --- |
| Client | Xerox, US |
| Duration | Jan-2005 to Jul-2007 |

Responsibilities:

* Maintaining Solaris/RedHat NFS Servers.
* File System management
* Performing Backup and Recovery operation
* Installation of Solaris OS with Docusp application software on Print servers
* Installation and Maintenance of Xerox/Sun Print Servers, Xerox Printers & MFDs
* Providing internal Trainings to Employees on Solaris /Linux
* Coordinating with different teams during Project implementation
* Supporting Project Manager while preparing new proposals
* Preparing Metrics for the Project

**Xerox India Ltd, Hyderabad** Apr-1998 to Dec-2004

**Personal details**

Name : Ratna kumar Nakka

Fathers Name : Prasad babu

Marital Status : Married

Permanent Address : Hyderabad

Languages Known : English, Telugu, German(B1)