Vikas Chaturvedi – Cloud Solution Engineer

Profile Summary

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| I am a Microsoft Azure certified personnel, having 4+ years of running experience in IT Industry. I Have been working on Azure IaaS, PaaS, Azure AD and possess a sound exposure on Azure DevOps to caste Infrastructure as Code. I have completed my Azure Solutions Architect, Azure Security Engineer certification this year and my best work so far was observed in providing Azure Solution, automation, and Support on SDLC of various MSP/CSP US-UK based clients.  Recently I’ve got a chance to work and deploy private AKS clusters for few of my customers and same I demonstrated and documented for my teams KB. I also gave an automation solution recently to one of my clients on how to automatically trigger and deploy a new web App with the help of GitHub API, when a business-critical Web App goes down in Azure based on alerting metrics and logic apps. New solutions like these always motivate and give sense of excitement to me in my job, regardless of my working title. Right now, I am working as a ticket lead on 6 of company accounts out of 50+ client base of "3Cloud LLC" which is one of the leading pioneers in Azure Premium Cloud Providers. |

Work experience

**e-Zest Solutions: 14th May 2018 – Present**

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| Project - Azure Cloud Managed services **Client: 3Cloud Solutions**  **Description:** 3Cloud is a Central US based CSP/MSP Provider, a Microsoft Gold partner, and working towards enabling the journey to the Microsoft Azure and App modernization.  **Roles and Responsibility**:  **Compute**   * Provisioned Windows and Linux VMs with all available flavors, Azure SQL Server, SQL Managed Instance, using ARM template and PowerShell deployment. * Created App Service plans, Web Apps, Azure Functions for managed services and reliable application deployments. * Created Azure Kubernetes Service (AKS), private cluster instance and otherwise as well, provisioning advance networking policies. * Understanding Kubernetes architecture, nodes, pods, and networking offered by Microsoft AKS [- Link](https://allforazure.wordpress.com/2021/06/01/az-kubernetes/) * Used Azure DevOps for pipeline deployment and standardized our deployments in customers environment and maintained the process of Infrastructure as Code. * Deployed Virtual Machine Scale Sets for managing and scaling solution. * Configured Update management using automation accounts for production workload and carried them out with schedule. * Worked and configured Azure Arc server for utilizing on-prem resources. * I have set up Custom API Secure Score automated reporting [- link](https://allforazure.wordpress.com/2020/08/30/securescore/) * Trigger GitHub workflow via GitHub Actions when an Azure App service goes down and we deploy a new web app based on health Metric alert. Used Dispatch\_Repository GitHub API for triggering a workflow from logic app when an alert is fired on resource. * Automation for Simplify cloud management with process automation, like server on -off automation on custom parameters and many more automations with Logic apps, Power Platform and PowerShell.     **Storage**   * Worked with Storage Accounts, Azure Blob Storage, Azure Files, Archive Storage, Azure Disk Storage Managed – Unmanaged disks as a solution to provide Durable, highly available, and massively scalable cloud storage. * Have worked on Azure Backup as a data protection. * Used Storage Explorer to interact with Azure Storage resources. * Requested for Data Box service for client to provide solution for data transfer to Azure. * Worked on Storage Analysis, and optimization [- Link](https://allforazure.wordpress.com/2020/09/08/az-storage-analytics/) and remediated security center recommendation.     **Security and monitoring**   * Setting up Azure Sentinel - Cloud-native SIEM and intelligent security analytics, working on ATP, Microsoft Defender, Adaptive Application Control. * Working in Azure Security Center, monitor blades setting up alerts and configuring monitoring shared workbooks, creating a dashboard with KQL queries. * Configuring DDoS attack preventions, Azure Defender - Protection of hybrid cloud workloads, just-in-time, Azure Front door. * Setting up a cloud-native web application firewall (WAF) service that provides powerful protection for web apps. * Querying log analytics workspace against resources, custom log table generation and troubleshooting. * Creating Service principals using app registration, permission, scope, consent, API management, Enterprise application. * Azure Active Directory, SAML, SSO, Conditional Access, MFA, Dynamic security groups. * Setting up Privilege identity management, Access review and Identity governance. * Manage access over subscription, groups, resources, by identifying befitting RBAC roles and follow principle of least privilege. Creating a custom RBAC for Database migration and more.     **Networking**   * Setting up Azure Bastion for production workloads to enable private and fully managed RDP and SSH access. * Setting up Application Gateway, Load Balancers, worked on health probes, connection monitor, ns-lookup, etc. * Setting up Azure Private Link to enable private endpoint access to SQL, Key Vault, storage resources. Azure DNS set up for namespace resolutions, CDN for reliable fast delivery and global reach. * Virtual Networks, Subnets, NSGs, route tables, VPN, Gateway, Express routes, troubleshooting with Network Watcher to do network performance monitoring and diagnostics.     **Management and governance**   * Used Azure Advisor for recommending Azure best practices. * Worked on Azure Lighthouse for managing and accessing customer environments. * Used Azure Migrate service for migration activity. * Applied Azure Policy for lot of compliance and adherence requests. * Used Azure Monitor for all Infrastructure management. * Deployed Azure Service Health alerting for all customers. * Used Azure Site Recovery, DR, Recovery and Backup solution.     I Have complete knowledge of Microsoft 365 (O365) administration, App security center, Policies, Intune.  Support ticket handling ITIL used Zendesk and Atlassian Jira ticketing portals  Done CloudHealth, Centilytics, Cloudockit reporting and Visio Diagrams. |
| Project – Managed Service Providers **Client – Virtus LLC, Finance domain**  **Description**: This was another finance client where we provided MSP support via 3Cloud interim project in the very beginning.   * Complete solution for hybrid infrastructure from Sever build to monitoring, security, DR, till maintenance we were responsible for it. * Server performance, tunning, upgrade, patching and downgrade all were part of my team. * Day to day tasks was to work on File recovery, Disk backups, Disk Encryption, App-Insight, App-gateway, ASR Agent upgrade issues resolving. * Security was major concern for Virtus, so we had Sentinel in place along with ATP, Brute Force Attack, Antimalware and threat protection, Network watcher. |
| Project - Worksoft **Description**: This was a in house Angular + Node.js App Development project where I was working on DevOps CICD pipeline with Azure DevOps.   * I was working on deployment for this project and during which we had done supportive package installation like Nuget, npm, Chocolately etc. * Did Repo connection with central Git hub branch, had set up the Boards for teammates and informative description. * Worked on installation of Apache, Nginx, Tomcat on various flavors of Linux. * Pipeline building with Azure Web App, setting up service principal connecting with Azure AD. * Lastly was doing administrative control for all users and syncing it all with Azure AD. |
| Project - Belmont Green Finance & Vida **Description:** These were Finance, healthcare clients of e-Zest, they came in with a project of SharePoint Administration, Identity management and storage solutions.   * Required Office365 Administration and SharePoint Administration along with their add-on LOB’s. * Worked on POC for SharePoint environment for Migration, Administration, and licensing. Where I had on managing the dedicated connection with O365 and their company collections. * OneDrive sync, directory routing and backend management on their sites for various tasks. |

Akraya Solution Pvt Ltd. October 2016 – Sept. 2017

Worked as a Technical Recruiter, Head-hunter for US based IT, Healthcare clients. Here I was an account handler on companies like Gilead sciences, Kaiser healthcare firms solely. Candidate screening, interviewing on technical aspects, shortlisting and contract kick off was my daily routine work.

Certifications Details

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| **View Credentials** | **Exam** |
| [Azure Fundamentals](https://www.credly.com/badges/1bd435dd-4fb8-48a4-a5a6-1ef0ecfa406f?source=linked_in_pr) | Az-900 |
| [Azure Security Engineer Associate](https://www.credly.com/badges/279c0328-896e-435f-8925-44c4878f626d?source=linked_in_profile) | Az-500 |
| [Azure Solutions Architect Expert](https://www.credly.com/badges/c5cbf75a-951c-4614-91de-25315509192a?source=linked_in_profile) | Az-303 + Az-304 |

Education Details

**Bachelor of Engineering in Electronics and tele-communication from MMCOE Pune University.**

Personal Details

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