Akhil Kumar

Senior DevOps Engineer

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P.O, Kottayam, Kerala,
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📅 April 24th, 1995

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Profile

Passionate and experienced Senior Azure DevOps Engineer with 6+yrs of strong background in cloud native technologies and infrastructure automation.

Certificates

- AZ400 DevOps Engineer Expert

- AZ305 Azure Solution Architect Expert

- AZ104 Azure Administrator Associate

- Certified in Red Hat Certified Engineer

- Certified in Service now Performance Analytics Micro Certification

Professional Experience

Senior DevOps Engineer, *Valoriz Digital Pvt Ltd*
May 2021 – present | Kochi, India

- Implemented Kubernetes clusters on Azure resulting in improved scalability and reduced infrastructure costs.
- Developed and maintained CI/CD pipelines using Azure DevOps and Bit Bucket, resulting in faster and more reliable deployments.
- Designed and implemented monitoring and alerting solutions using Prometheus, Elasticsearch, and Grafana, resulting in improved monitoring and reduced downtime.
- Configuration of azure resources like Event Grid, Redis Cache, CDN, Function apps etc required for the applications hosted in Kubernetes Cluster
- Set up microservices architecture to build applications and implement high availability using Azure Resource Manager
- Develop and maintain Azure DevOps production release processes
- Configuration of Azure cosmos DB mongo API, Blob etc for storage purposes
- Version control and repository management using Azure DevOps Repository and Bitbucket
- Manage SSL certificates for various application using letsencrypt, certbot
- Design and configure Logic Apps for various automations
- Configure and monitor the network traffic using Application Gateway and WAF
- Continuous backup of databases using automated pipelines scheduled in Azure Data Factory(ADF)
- Deployment of various application in Kubernetes using Helm Charts

Engineer, *Fractal Analytics*
December 2020 – April 2021 | Banagalore, India

- Auditing of all Azure resources in the subscription
- Classifying the azure resources based on PROD, INT and DEV stages

Senior Software Engineer, *Allianz Technology India*
July 2017 – December 2020 | Trivandrum, India

- Develop data-driven workflows in the cloud for orchestrating and automating data movement, data transformation and data visualization using azure data factory
- Data migration between an on-premise database to cloud database using the data stores like Azure Blob storage, Azure Data Lake Store, REST API etc in ADF
- Fixing the SQL database vulnerability and monitor the subscription security

Interests

Cricket, Tennis, Badminton,
Football

- Deploy Azure Data Factory changes using Azure DevOps CI/CD pipelines.
- Collection, calculation and visualization of data in the form of standardized dashboards in ServiceNow allow the
- users to filter, analyse, and personalize the shown data to focus on their relevant information.
- Automating reports using ServiceNow Performance Analytics in the central ServiceNow platform based on Business requirements.

Linux System Admin Trainee, *IPSR Solutions Pvt Ltd*
October 2016 – March 2027 | Kottayam, India

- Configuring Web Servers, NFS, Samba, DNS, Lamb in RedHat Linux
- Configuring LVM, remote block storage such as ISCSI
- Installation and Configuration of Linux Operating Systems.

Education

BE Computer Science and Engineering,
Narayanaguru College of Engineering
June 2012 – April 2016 | Kanyakumari, India

Languages

- English
- Malayalam