

Abhishek Gupta

"Principal Cloud Platform Engineer"

Microsoft Certified Trainer – Azure

I.B.M. Trainer for Open Shift Platform



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<http://acethecloud.com/blog>

github.com/abhiongithub

linkedin.com/in/cloud-native-architect

credly.com/users/abhishek.gupta.certifications

- Built and Lead the team for delivering highly available and scalable data intensive Microservices based solutions.
- Previously worked closely with the Head of Cloud Architecture, and responsible for working on a large multi-cloud migration projects, whilst being hands-on and strategic. Contributed significantly to LinkedIn's Cloud Journey.
- Having 12 years of experience mainly in Developing and Architecting solutions for Aviation, Banking and Finance domains also have devops skills at intermediate level, 4 years in leading highly technical teams for various products.
- Azure and Devops Certified in Developing and architecting cloud native applications.
- Hosted multiple workshops, gave tech talks and delivered corporate trainings on Microservices, OpenShift, Azure, Azure DevOps & Docker in India and outside India.

Application Development

- C#, ASP.NET, Entity Framework at expert level.
- Java & Spring Boot at intermediate level.
- Golang, Fiber, GORM at intermediate level.
- Basics of Python
- Mobile/Desktop App Development:
UWP, WPF & Xamarin

DevOps, Monitoring and Infrastructure

- Kubernetes & Docker
- Istio & Prometheus
- Azure ARM & Terraform
- VM Scale sets & Clusters
- CI & CD Automation
- Azure DevOps
- OpenShift Platform

Visualization and Analytics

- Power BI
- Splunk & New Relic.
- Prometheus and Grafana

Architecture and Design

- Cloud Design Patterns
- Cloud Native Design
- Cloud Migrations
- 12-Factor Design
- Cloud Cost Optimization
- DevSecOps

Cloud Expertise (Primarily Azure & AWS as secondary)



Azure Cloud

- Azure Kubernetes Service (AKS and ACR)
- Azure Virtual Machines, VM Scale sets
- Azure Data Factory & Data Lake
- Azure Event Hub & Azure Service Bus
- Azure Tables & Blob Storage
- Azure Cosmos DB and SQL Azure
- Azure Functions and Durable Functions
- Azure Cognitive Services
- Azure API Mgmt. & App Gateway
- Azure Redis Cache & Azure Keyvault
- Azure App Insights and Azure Monitor
- Azure Synapse Analytics



AWS Cloud at Intermediate level

- AWS Elastic Kubernetes Service (EKS and ECR)
- AWS Fargate
- AWS Dynamo DB and AWS Aurora DB
- AWS EC2 and AWS S3
- AWS Lambda and AWS Step Functions
- AWS Cloud Formation
- Amazon Cloud Watch




Education






M.Tech-Masters in Technology
BITS-Pilani (India)
2014-2016

M.C.A-Masters in Comp Applications
SRMS -CET , Bareilly (India)
2014-2016

B.C.A-Bachelors in Comp Applications
TMIMT , Moradabad (India)
2007-2010

Work Experience

Organisations	Key Roles and Responsibilities
 <p>Nov 2020 – Present Principal Engineer</p>	<ol style="list-style-type: none"> 1) Business Architecture: Responsible for facilitating the alignment of business and information technology strategies, and alignment of application and project portfolios. 2) Applications Architecture: Responsible for modelling application systems and services, their interactions, and relationships to business functions/processes, technology, and data. 3) Technology Architecture: Responsible for defining future technology and transition states to support architectural strategy in both infrastructure and platform services, guiding the migration, integration and evolution of the technology landscape. 4) Information or Data Architecture: Responsible for improving business performance through information solutions, such as setting up enterprise data lake, master data management, metadata management, business intelligence, content management, data integration, and other information infrastructure components. 5) Creating functional design specifications, Azure reference architectures, design documents and assisting with other project deliverables as needed. 6) Building Multi - Cloud Platform for Citrix R & D, backed by AWS, Azure and Google Cloud and leading Development, DevOps & Architecture of Citrix's Cloud Platform. 7) Heading the highly scalable and fault tolerant Enterprise Cloud based App hosting and Certificate Management service powered by Kubernetes running primarily on Azure Cloud and secondarily on AWS Cloud. 8) Leading products teams on Multi-cloud products to enable DevSecOps, leading the Development team using Golang, C# and .NET, Docker, Kubernetes, Microservices, Azure Functions, Cosmos DB. Optimizing the Cloud spend using Azure Advisor and Azure Cloud Fit.
 <p>Oct 2018 – Nov 2020 Staff Software Engineer</p>	<ol style="list-style-type: none"> 1) Designed the state-of-the-art technical solutions on Azure that addressed requirements for scalability, reliability, security, and performance and leverage existing investments in Azure platforms with respect to Common Data Platform. 2) Efficiently dealt with complexity in distributed, scalable and highly available deployment configuration for tools like Kubernetes, Kafka, Kafka REST proxy, KSQL, Kafka Streaming, Kafka Connectors for data source and sinks along with Azure Data Lake. 3) Played a crucial role in LinkedIn's Journey to Azure Cloud (one of the planet's biggest Cloud Migration). Being a member of Enterprise Productivity Engineering, Lead the Development, DevOps & Architecture of LinkedIn's Common Data Platform. 4) Lead Development teams for building highly scalable and fault tolerant Enterprise Data Lake powered by Apache Kafka, Azure Data Lake and Data Bricks for LinkedIn's Common Data Platform on Azure. 5) Worked on Azure Devops, developed microservices using C# and .NET, Docker, Kubernetes, Microservices, Azure Functions, Cosmos DB. Taking care of end-to-end Infrastructure automation and DevOps work for Azure components. 6) Worked with other development teams to design scalable, robust systems using cloud native architecture principles. 6) Completed few Proof-of-Concept Apps using Azure Machine Learning and Microsoft Xamarin for LiAD (LinkedIn Azure Designer) for quick provisioning of Azure Components.
 <p>Jan 2017 – Oct 2018 Principal Consultant</p>	<ol style="list-style-type: none"> 1) Working closely with Sales team as Pre-Sales Architect and involved in the qualification of opportunities, solution design, project and support estimates, customer presentations, building relevant demos and proof of concepts, providing SME knowledge to the delivery practice, answering tender responses, and creating supporting proposals 2) Involved in many aspects of a customer engagement; from the collaboration with other team members and customers to determine the best solution for a particular engagement to the design, development and delivery of software products in Azure Cloud Platform.

	<p>3) Involved in development and automation of multiple Xamarin Mobile and Azure Cloud based projects for Aviation and Finance Industry with Xpirit Division of Xebia, Involved in Azure Cloud migration projects.</p> <p>4) Developed multiple Cloud agnostic and microservices based server components using Docker for a Leading Omnichannel payment gateway provider of Netherlands.</p> <p>5) Worked for leading European trading platform product with Denmark based Client. Lead and architected Xebia Academy Cross Platform Mobile App in Xamarin Forms using Prism MVVM framework.</p>
  Feb 2014 – Jan 2017 Lead Consultant	<p>1) Created Azure and Xamarin based applications with end-to-end DevOps and Automation, converted business requirements into quick prototypes.</p> <p>2) Worked as Lead Consultant on partner Contract with Microsoft for 3 years on payroll of Affluent Global Services, took care of Cloud infrastructure and Cloud based Microservices development.</p> <p>3) Responsible for modelling application systems and services, their interactions, and relationships to business functions/processes, technology, and data.</p> <p>4) Worked in a Healthcare product with Microsoft Sweden, developed few Xamarin and Azure Components for Healthcare client.</p>
 June 2012 – Jan 2014 Software Engineer	<p>1) Involved in development of Private Cloud based Wire Transfer module of main banking product of Fiserv Inc. Provisioning of Cloud Infrastructure and Automation.</p> <p>2) Drove internal process improvements & innovations in software engineering to move the team towards best-in-class practices.</p> <p>3) Created .Net based Banking web Applications running in private data centers.</p>
 June 2011 – June 2012 Software Engineer	<p>1) Created Microstrategy - XEG a module of a B.I. Product named as MicroStrategy XEG using WPF and XAML using Zorba NO-SQL Processor.</p> <p>2) Responsible for Development and Automated testing of .NET based application in AWS.</p>
 2010 – 2011 Software Engineer	<p>1) Worked Independently and collaboratively with various clients and projects from day one.</p> <p>2) Developed multiple native mobile apps in Java using AWS Cloud Web APIs.</p> <p>3) Created and Deployed Web APIs in Amazon EC2 instances and Amazon S3 service.</p> <p>4) Solely responsible for full Software Development Lifecycle.</p>

Public Speaking, Webinars and Blogs

1. Delivered a the talk on How to build and lead a “Rock Solid Cloud Platform Engineering Team”.
2. Delivered a Tech Talk on “Building Planet Scale Mobile Apps using Azure Cosmos DB “ in Microsoft **Singapore** during MonkeyFest <http://monkeyfest.io>
3. Delivered a Tech talk on “From Once per month to Several times a day through Serverless Computing and Azure Cosmos DB “ in The DevTheory Conference. <http://thedevtheory.com> Sponsered by **Github**
4. Delivered a Tech talk on “Xamarin Forms & Azure” during Global Azure Bootcamp 2017 in Tech Mahindra Chennai.
5. Organized Global DevOps Bootcamp 2017 in Microsoft Hyderabad, gave a talk on ‘VSTS and CI CD”. <http://globaldevopsbootcamp.com>
6. Organized 36 hours XHacknight hackathon (Sponsered by Microsoft and Xebia in Xebia Bangalore).
7. Organized Global DevOps Bootcamp 2018 in Microsoft Gurgaon, gave a talk on ‘From One release per month to multiple times a day”. <http://globaldevopsbootcamp.com>
8. Gave multiple Tech Talks in **Microsoft** Singapore, Hyderabad , Gurgaon and Bangalore Offices.