Tarun **Pabbi**

CLOUD CONSULTANT · AUTHOR

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Summary

I am a versatile consultant with a passion for leadership and problem-solving, with over **twelve years** of hands-on experience in cloud and web technologies. I have a proven track record of applying emerging technologies and processes to drive efficiency in enterprise technology operations. I have thorough experience of working with clients to design enterprise applications and foster innovation, collaboration, and development in teams. I possess excellent interpersonal communication, creative, and team management skills which enable me to manage cross-functional resources in an organisation.

I have authored book on **Kubernetes**- *Kubernetes Succinctly, by Syncfusion*.

Career Highlights

- Implemented Amazon AWS based lightning control system architecture for US based customer to streamline customer service and product updates
- Facilitated Event Storming workshops for customers to discover the domain of software application and to accelerate development teams
- Regional Microsoft Azure SME for Microsoft Consulting Services
- Led a team as an Architect for building a Azure Cloud based process control system for US based client
- Design and Implemented an Augmented reality based product for Foyr.com
- Consulted for enterprises that required a variety of cloud-based solutions on Microservices, bots, IoT Edge computing, and IoT data ingestion and processing
- Experienced in providing technical guidance for building sales documentation such as Statement of Work, Effort Estimate, and Bill of Material

Work Experience

Nagarro, an Allegier Company   Gurugram, India
Technical Architect , Cloud Solutions   *January 2016 - Present*

- Designed and led implementation of Microservices based lightning control system for US based customer which will provide monitoring and analytics capabilities as well. The service infrastructure of the solution utilized Docker containers, Kubernetes, and several AWS Services including AWS IOT, AWS EKS, AWS DynamoDB. The design focused on high-availability, fault-tolerance, and scalability of the solution.
- Designed and implemented an IoT Edge solution for on-site processing and classification of telemetry data ingested from sensors for US based customer. The solution was built using AWS IoT, InfluxDB, and Docker.
- Designed and implemented federated identity module for an IOT application. The identity module provide single sign on capabilities supporting multiple protocols including Ws-fed, SAML2, oAuth and openId connect and integration with 3rd-party providers like Salesforce, AzureAD. The infrastructure of the module include Azure App Service, Identity Server, Azure App Insights, SQLDB etc.
- Designed and implemented multi-tenant process control IOT application for a US based client. The application had a dual hosting architecture deploying to both cloud and on-premise. The technical stack include NodeJs,ASP.Net WebAPI,ASP.Net MVC, and several azure services like Event Hub, Application Insights, SQL DB, Redis, cloud services.

Foyr.com   Hyderabad, India
Solution Architect   *July 2015 - December 2015*

- Designed and implemented large scale Ecommerce marketplace. The application stack include AWS EC2, AWS RDS, php, AWS Elastic Search, AWS Elastic cache.
- Headed a team of engineers to build an Augmented reality based product for interior designing. The application stack include webgl, ASP.Net WebAPI, Azure App service, Azure SQL DB.

Microsoft Services   Hyderabad, India
Consultant, Cloud Solutions   *October 2010 - December 2014*

- Designed a hub and spoke model based solution for a large user base application for a client in the USA.
- Implemented a scalable cloud solution for ABM (American Building Maintenance), the largest building maintenance company in the USA, to build a gaming engine for intelligent work allocation to field workers.
- Assessed and migrated a portfolio of 50+ .net applications to Azure PaaS for one of the largest oil company in Europe.
- Designed and implemented an Azure solution for one of the largest E-Commerce company of Europe to solve service downtime issue.
- Trained field engineers and sales teams on selling cloud solutions.
- Worked with partner consultants as SME to solve issues related to cloud engagements.
- Managed Team of vendors and developers for get the work done form them
- Collaborated with consultants across teams to harvest, catalogue, and reuse IP solutions.
- Built customer showcase demonstrations on Azure capabilities such as Media Services, and Storage.
- Top performing employee (top 20% of all employees) during my tenure at Microsoft.
- Received multiple awards for being a valuable employee, Azure cloud expert.

Infosys Technologies   Pune, India

Senior System Engineer   *Decmeber 2007 - October 2010*

- Designed and implemented user interface, business and data layers of an enterprise portal of Government of India. The application technical stack include C#, ASP.Net web forms, SQL server, Windows workflow foundation, ADO.Net .
- Created automated load test using JMeter.

Writing

Kubernetes Succinctly   Syncfusion

Author   *2019*

- A quickstart guide for developers to learn the fundamentals of Kubernetes
- Includes advanced topics such as monitoring with Prometheus, and packaging applications using Helm

Education

MJP Rohilkhand University   Bareilly, India

Bachelor of Technology in Computer Science and Information Technology   *2003 - 2007*

Achievements

Professional

- Top performing employee (top 20% of all employees) during my tenure at Microsoft.
- Microsoft Azure SME and also part of the World-Wide Microsoft Azure Cloud Center of Excellence team during Microsoft tenure.
- Received multiple awards for being a valuable employee and Azure expert at Microsoft.
- Received multiple Brighttest Minds award for being a valuable employee at Nagarro.
- Best trainee award for my batch in Infosys Post-Joining training.

Techical Skills

Distributed Systems, Adaptable Systems, Messaging Systems, IOT/Edge Computing, IAM Systems, C#, Python, PHP, SQL, PowerShell, Docker, Kubernetes, ASP.net, MVC, Web API, Microsoft Azure, Amazon AWS, Visio, TFS, Azure DevOps, Git, Jenkins, InfluxDb