

## Resume`

**Vijay Panchal**  
**Azure- Cloud + AI**  
**Microsoft IDC**  
**Hyderabad, India.**

**Mobile:** +91 9880158696  
**E-Mail:** [Vijay.Panchal@Live.com](mailto:Vijay.Panchal@Live.com)

### Career Objective: -

To make optimum utilization of my talent, skills, abilities, and knowledge where I would be able to learn and grow in the data space and pursue a challenging career in an environment of growth-oriented mindset that offers me vast opportunities for reaching the frontiers in this field.

### Profile Summary: -

- Around **13 years of professional** experience in **Software Engineering in Data Platform.**
- Building **Highly Scalable Big Data** solutions using **Spark, Data Bricks, Azure Data Lake Analytics** and **Azure Data stack.**
- Built an **automation tool** which is configurable & meta data driven for **Data ingestion** from various sources like ADLS, On prem SQL, Azure SQL, flat files, Blob, SharePoint etc.
- **Orchestration** and data integration / **ETL** using **Azure data factory and Az Functions.**
- **Data transformation** and building **insights** using **T-SQL, U-SQL, Python, Spark SQL,** and **Scala.** Expertise in **SQL Internals and performance tuning.**
- **Data modelling physical and logical** to create layers of stage, transformation, **Facts** and **Dimensions, slowly changing dimensions** by **ensuring security, logging, data quality, Data Archival strategy / snapshots.**
- Experience in Design and Development of solutions for data persistence, publish /reporting consumption using **Azure SQL, Blob, Parquet files, Azure Data Lake store** and **APIs.**
- Build Telemetry Dashboard using **Application Insights, Kusto, PowerBI**
- Data migration from legacy systems to cloud solutions. Analysis of existing code and system in **SQL Server, SSIS, SSRS, SSAS, COSMOS.**
- Built a web portal for Data Ingestion using **Azure Active Directory Authentication** and **Microsoft Graph SDK** for group membership validation using **.net core MVC.**
- Automate the **CI/CD** using the **Azure DevOps** and power-shell scripts for continuous integration and deployment. Implement features for security like **PII, GDPR policy, SOX compliance** and **Accessibility.**
- **Mentor and Coach:** I Work with juniors on my team to help them to do their best work and grow. I do regular code reviews and give valuable feedback to improve code quality.
- **Collaborate** and strive to understand the motivations and goals of the teams we're working with and work towards a better solution together.
- **Execute:** I Define the business-technical goals for the team then create and execute on the plan to meet those goals. Translate complex business requirements into scalable technical solutions. As a Scrum master track the Backlog and ensure timely delivery.
- I built a vision for changing the underlying technology of the service and guide the team through landing it while maintaining the availability of the live site.
- **Provide hands-on technical leadership: architecture, design,** code reviews, quality assurance, observability, and live site.

## Professional Experience: -

### Microsoft IDC (Software Solutions)

**Title/Role: Senior Software Engineer / Data Architect / Tech Lead.**

**Duration: Feb 22nd, 2016 - Till date**

**Projects: Cloud +AI - Azure - Data & Systems Intelligence:** To deliver the safest and highest (manufacturing) quality hardware to Microsoft Cloud (Azure) and ensure the health of Data Centre is up to the mark. Be a data-driven organization which takes every issue as an opportunity to Improve process and achieve the Quality North Star.

### Philips (HealthCare)

**Title/Role: Technical Specialist / Tech Lead.**

**Technologies:** MS SQL Server Database performance tuning, Dot Net and MSBI.

**Duration: Since June 4th, 2014, Till Feb 19th, 2016. Location: Bangalore India**

### TESCO (Ecommerce /Retail)

**Title/Role: Senior Software Engineer.**

**Technologies:** MS SQL SERVER, MSBI, Dot Net. IIS

**Duration: Since May 29th, 2013, May 30, 2014. Location: Bangalore India**

### Accenture (Technology Consulting)

**Title/Role: Senior Programmer.**

**Technologies:** MS SQL SERVER, MSBI, Dot Net.

**Duration: Since August 31st, 2009 – May 27th, 2013. Location: Bangalore India**

## Academia:

1. **Master of Science-Computer Science** from SMU-DE in Sep 2013.
2. **Bachelor of Computer Applications** from **Bangalore University** in July 2009.

## Certifications:

1. **Microsoft Certified Technology Specialist: SQL Server 2008 Business Intelligence development and Maintenance.**
2. **Health Level 7 standards version 2.7 certified –Sept 2014.**

## Accolades and Recognitions:

1. **Microsoft Delivery Excellence Award Q4 2016 & Q1 2017.**
2. **Best Delivery Excellence Award** for quarter 4 in 2010 – Accenture Services Pvt Ltd
3. **Best Delivery Excellence Award, Annual** in 2010 – Accenture Services Pvt Ltd.