

Utkarsh Puranik

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HIGHLIGHTS

Self-motivated **Software Engineer/Architect/Manager** with 16 years of experience in system design, development and implementation using Microsoft Technologies for Enterprise applications.

Provide **Technical Leadership** and **Project Management** ensuring delivery that meets the highest standards of functionality and quality.

Software Design and Development that aligns with customer and user expectations.

Highly Analytical with proven problem-solving skills and a knack for understanding business processes to provide superior technical solutions.

Strong Leadership with management experience in **.NET Technologies**.

Cloud Expertise in **Microsoft Azure** and **Amazon Web Services (AWS)**, with in-depth exposure to a wide range of AWS services and cloud-native development.

Extensive Hands-on Experience with **.NET 6/7/8, C#, ASP.NET, REST APIs, SQL and JavaScript**.

Rich experience in project management across all phases of the project life cycle.

Proficient in Agile Methodologies, including Test-Driven Development (TDD) and Behavior-Driven Development (BDD).

Expertise in High-Volume, Scalable Distributed Enterprise Applications, ensuring high performance.

Experience in handling various backend data sources like **Azure SQL, AWS RDS, MYSQL, PostgreSQL, MS SQL Server, Oracle and Snowflake**.

Strong adherence to **Object-Oriented Methodologies** and extensive use of various design patterns.

Experienced in Modern Architectures, including **Distributed Enterprise Applications, Microservices, Event-Driven, Serverless and Service-Oriented Architectures (SOA)**, playing an essential role in application design.

Experienced in creating automated deployment solutions for Continuous Integration (CI) using **Azure Pipelines, GitHub Actions, Octopus and TeamCity** with pipeline as code using Kotlin.

Familiarity with Python, Golang and Kotlin.

SKILLS

Technologies

C#, SQL, JavaScript, .NET, Serverless, Containers, Kubernetes, GitHub, Azure, AWS, DevOps, TeamCity, Octopus, Deploy, ASP.NET, Snowflake, React, REST, API, PowerShell

Others

Software Architecture, High-Level Design, Low-Level Design, Algorithms, Data Structures, System Design, Project Management, Agile Methodologies, Cross-Functional Team Leadership, Cloud Solution Development

CERTIFICATIONS

Azure Solutions Architect Expert

EDUCATION

Mahakal Institute of Technology (RGPV), Ujjain — Bachelor of Engineering (Information Technology)

SEP 2004 - JUN 2008

EXPERIENCE

Sage Business Technology, Remote — *Principal Software Engineer*

NOV 2022 - PRESENT

- Working in a high performance engineering team to create and maintain a robust platform offering comprehensive libraries for application development, alongside a sophisticated pipeline for orchestrating various build steps including unit tests, integration tests along with security and code quality scans as part of Continuous Integration (CI).
- Implemented code configuration analysis scanner to scan for any secrets added in the codebase.
- Added IIS deployment support for legacy applications onboarding to the platform.
- Migrated NuGet repository from Baget server to Artifactory.

WM Universal Solutions, Indore

JAN 2015 - NOV 2022

Deputy Manager JAN 2020 - NOV 2022

- Managed an 8-member BI development team for a Data Warehouse and Business Analytics project.
- Led the migration of on-prem SSIS/SQL Server data warehouse to Snowflake using Matillion ETL, redesigned subject areas to improve data quality.
- Developed a solution for generating approximately 3 million thumbnails per month using SSIS and AWS components.
- Designed and led the development of a solution for Natural Language Narratives to summarize business data using natural language. Integrated multiple components including frontend, backend, API layer, ETL, and third-party APIs.

Principal Software Engineer JAN 2015 - DEC 2019

- Led the development of a high-volume application (1 million requests per month, 500 concurrent users) for business functionalities like billing, reconciliation, order processing, and customer/vendor management.
- Established Continuous Integration (CI) process for Build and Deployment using TeamCity and environment-based deployment workflow using Octopus Deploy
- Designed and developed a microservices-based integration framework for a high-volume legacy application, handling over 1.5 million requests per month. Segregated applications based on Customer, Supplier, and Salesforce.

Tata Consultancy Services, Mumbai — *IT Analyst*

FEB 2011 - DEC 2014

- Designed and developed integrations for physical commodity settlements between NCFE (NCDEX Clearing Front End) with COMTRACK (Commodity Depository System).
- Implemented RSA SecurID for secure transactions for Westpac Corporation on Business banking tools for Westpac's St George Bank, Bank of Melbourne and BankSA.

Diaspark, Indore — *Software Engineer L2*

JUL 2008 - JAN 2011

- Designed and rewrote a clinical tests and agency management product from Windows to the web and designed a data import process for Sandata Inc.