

CONTACT DETAILS



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CORE COMPETENCIES

Technical Solution	
SOLID Principles	
Design Patterns	
Dependency Injection	
RESTful Web Services	
Cloud Development	
Technology Migration	
CI/CD Integration	
Release Coordination	
Production Rollout	
Coding Standards	
Optimized Solution	
Agile Methodology	
Customer Relationship	
NFR Documentation	

EDUCATION



**B. TECH (IT)** from Maharaja Engineering College [2001 – 2005], Avinashi, Affiliated with Anna University, Chennai

HIGHLIGHTS

**‘Spot’** award for the excellent ramp-up in FHIR Services, completing challenging tasks on time for UDM 1.2 Release

**‘Taking Ownership to Deliver Fast’** award for the extended effort towards UDM 1.0.0.8 Hotfix, Verification and Closure

**‘Cross the Boundaries’** award for the technical guidance to resolve complex SQL Stored Procedure performance issue

Acknowledged with **‘Team Upto Win’** award for meeting the deliverables on time for Illumeo remote site.

SATHEESKUMAR MANICKAM

Technical Architect

Versatile, high-energy technocrat with the merit of executing prestigious assignments of large magnitude within strict time schedules; targeting challenging and rewarding opportunities in **System Design / Software Architecture / Product Development** with an organization of repute.




Professional Summary


- Fullstack developer and an accomplished technocrat with 16.7 years of experience in Web, Windows / Desktop and Service based application development using **Microsoft .NET Technologies**.
- Familiar in Software Development Life Cycle (**SDLC**) including the different phases like Planning, Requirement Gathering and Analysis, and Documentation (using UML with MS Visio), Coding, Testing, Deployment and Maintenance.
- Developed and Maintained Backend Systems using **.NET Core, C#, WebAPI and Entity Framework**.
- Structured and Implemented **.NET Web Services** and **RESTful WebApi’s** for Enterprise HealthCare applications.
- Proficient with Object-Oriented Programming System (**OOPS**), Gang of Four (**GoF**) Patterns, Solid Principles, Dependency Injection, and Custom Exception Handling.
- Incorporated Automated Unit Testing Frameworks to keep the **Code Quality** and **Coverage** at the highest level.
- Worked in fast-paced environment for On-Time Delivery by meeting the Quality Standards declared in Definition of Done (**DoD**) and Way of Working (**WoW**) documents.
- Commendable in preparation of **HLD, LLD**, Approach Document, Code Review, Mentoring, Knowledge Transfer, Technical Guidance, and Proof of Concept (POC) development.
- Proven knowledge in Greenfield, Migration, Maintenance, Product Development and expertise in Monolithic, Client-Server, N-Tier, MVC, Service-Oriented Architecture (SOA), **Microservices** and **Clean Architectures**.
- Wealth of **Domain Knowledge** in **Healthcare, Retail, Banking and Financial Services**.
- Familiar in **PACS**, well versed with **DICOM RESTful Api’s** like STOW RS, WADO RS, QUIDO RS and Fast Healthcare Interoperability Resources (**FHIR**) service.
- Hands-on experience in configuring **Azure DevOps, VSTS Dashboards** for build/release **CI/CD Pipelines**.
- Developed and Maintained Software Components to comply with **Coding Standards** and Industry Best Practices.
- Extensive knowledge in **Configuration Management** and **Refactoring** for the existing system to improve **Performance** and **Scalability**.
- **Coordination** with **Product Owner, Scrum Master** and scrum team throughout the Scrum Ceremonies to derive Sprint Capacity, Velocity, Prioritization, and Release Coordination.
- Establish **Architectural Methodology** for all deliverables, monitor **Application Architecture** and ensure the proper implementation of all solutions.
- Engineered **Innovative Solutions** for **Complex Business Problems** and Managed System Development and Maintenance Activities.
- Proficient in Project Management Life Cycle including **Application Structure, Execution, Technical Leadership, Team Management, Progress Tracking** and **Delivery**.
- **Well versed** with **SDLC** methodologies such as **Waterfall, Scaled Agile Framework (SAFe), Incremental** and **Iterative** models.
- Excellent Listening and Interpersonal skills with the ability to communicate in ideas in both **Technical** and **User-Friendly Language**.




Work Experience

- Since Feb’16 with Cognizant Technology Solutions, Bangalore as Technical Architect
- Jan’11 - Feb’16 with EVRY India (Formerly known as SPAN Infotech), Bangalore as Team Lead
- Apr’10 - Dec’10 with Pathfinder Business Analysis India (P) Ltd, Coimbatore as Software Programmer
- May’08 - Jan’10 with SHLOK Information Systems, Coimbatore as Software Engineer
- Aug’07 - Feb’08 with BAAP Technologies, Coimbatore as Software Developer

 **'Doing the right thing, right way'** award for the quality work done in BenefitSERV for TUFTS, BSC & Non-Gov automation.

 **'Always Striving, Never Settling'** award for welcome season deliverables, and transition the work from new vendor.

 **'Top Innovators'** award received at the practice level for Value Creation, Cost Reduction, Performance Improvement.

 **'Certificate of Appreciation'** received for an outstanding contribution as a GenC Jury for the campus hiring in H2 2023.

 Completed **"Cognizant Certified Frontline Leaders People Leadership Program"** and received the digital badge.

## PERSONAL DETAILS

### LinkedIn Profile:

<https://www.linkedin.com/in/satheeskumarmanickam/>

**Preferred Location:** Bangalore / Remote

**Work Model:** Hybrid / Remote

**Languages Known:** English, Tamil and Kannada

### Present Address:

7/13, 2<sup>nd</sup> Floor, 3<sup>rd</sup> Main Link Road, New Extension, Nearby Post Office, Madivala, Bangalore – 560068

### Permanent Address:

51B, Kandiyannur Mettur, Michaelpalayam (PO), Anthiyur (TK), Erode (DT) – 638501

**Date of Birth:** 10<sup>th</sup> May 1983

## Technical Skills

Languages	C#, VB.NET, XAML, LINQ, XML
Web Technologies	ASP.NET Core MVC, Ajax, Web API, WCF
JavaScript Framework	jQuery, AngularJS, ReactJS
Frameworks	.NET Framework (3.5 to 4.8), .NET Core (2.1, 3.1)
DBMS	Microsoft SQL Server, SQLite, Azure Cosmos DB
ORM Tools	ADO.NET, Entity Framework Core, Dapper
Architectures	N-Tier, MVC, SOA, Microservices, Clean Architecture
Performance Tools	Apache JMeter, BlazeMeter
Cloud Services	Azure App Services, Azure Functions, Azure Key Vault, Azure Api Management, Azure SQL
Message Brokers	RabbitMQ, Azure Service Bus
CI / CD Tools	Jenkins, Azure DevOps

## Project Details

**Title:** BenefitSERV

**Technologies:** ASP.NET CORE MVC, C#, EF CORE 6.0, LINQ, jQuery, IIS 11.0, SQL Server

**Team Size:** 12

**Role:** Technical Architect

**Description:** BenefitSERV is an integrated healthcare automated benefit solution platform, a web-based enterprise solution that provides flexibility to efficiently conduct core benefit administrative functions for PBM clients and their Line of Business (LOB's), while providing the additional competitive edge that organizations need in the PBM Industry. BenefitSERV 3.0 supports the following list of LOB's (Line of Business) which includes Benefits Creation, Claims Generation, Claims Validation, Testing and Administration.

- Employer Commercial (EC)
- Employer Group Waiver Plan (EGWP)
- Health Plans - Commercial (HP Commercial)
- Health Plans - Exchanges (HIX)
- Health Plans - Medicare (MED D)

### Responsibilities

- Functioning as **Technical Architect** for multiple clients across LOB's; imparting technical guidance to the team for implementation and fixing complex issues.
- Responsible for delivering assigned tasks, participating in daily Agile / Scrum meetings, and making key decisions.
- Mainly involved in Application Architecture, Change Request Evaluation, Impact Analysis, Estimation, Promoting Changes to Target Environments.
- Collaborated with Stakeholders and Subject-Matter Experts (SME) to gather, clarify and refine functional requirements.
- By referring the Business Requirement Document (BRD) / Software Requirement Specification (SRS) converted it into Technical Design Document (TDD).
- Built reusable XML ingestion and parsing component for TUFTS client, which reduced 75% of manual work in plan configuration workflow.
- Built and deliver complex technical solutions, conducting technical overview with team for understanding, appropriate technology selection in line with requirement.
- Facilitates Communication between Offshore and Onshore functional teams for Requirements Clarification and Effectively Implement Business Solutions.
- Performance Tuning, POC Development and Demo with Stakeholders for New Feature Proposals, and Customer Communication.
- Managing the Non-Functional Requirements (NFR) like Performance, Security, Scalability, Compatibility and Maintainability.
- Task Escalation, Status Tracking, Customer Communication, RTM, Decision Analysis Report (DAR), Unit Test Automation, and Production Issue Fixes.
- Leading and Mentoring 12-member team to understand the Framework, Dataflow, correlate it to requirements to proceed further with development.
- Handled Deployment, Configuration, and Release Activities using Azure DevOps.
- Lead the Migration Activities for Converting LINQ Queries to SQL Procedures with Search, Inline Filters, and Pagination.