

GANESH VISWANATHAN

Chennai, India

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With over **15 years** of Microsoft technology expertise in web architecture and deployment, I'm poised to transition into a role as a **Technical and Solutions Architect**. My track record showcases innovative solutions, collaborative leadership, and a commitment to delivering projects on time and to specification with immense background in **compliance and regulations**.

Technical Skills

- **Languages:** C++, C#, Python, JavaScript, TypeScript, VB Script, **Apex**, WASM
- **Frameworks:** .NET (Core), Angular, React, FastAPI, SignalR, Blazor
- **Cloud and Databases:** Microsoft Azure, Azure DevOps, Microsoft Fabric, Azure Data Analytics, Azure Cosmos DB, SQL Server (SQL)

Work Experience

Telliant Inc

August 2022 - Present

Technical Architect/Senior Technical Lead

Chennai (Remote)

- Evaluated Salesforce application development for the organization, prototyping new CRM-based solutions using **Apex**.
- Consulted on potential solutions for recurring issues across various projects.
- Monitored and evaluated team performance across projects, providing guidance on best practices.

Computer Ingenuity Solutions - Hotel and Property consultants

Spearheaded the development of an end-to-end financial management system, resulting in increased efficiency for hotel accounting practices.

- Implemented database design optimizations, leading to a **15%** reduction in query response time.
- Architected tailored end-to-end flows for accounting systems using **.NET Core**, resulting in a **10%** improvement in system performance.
- Automated deployment practices using **Azure Deployment Groups**, reducing deployment time.
- Developed modern web app solutions with **SignalR** and **Blazor**.

Softura Pvt Limited

May 2018 - July 2022

Senior Technical Lead

Chennai, TN

- Worked with customer and business team present on Chicago, IL and demonstrated the ability of Komtrax application to automate manual operations.
- Acted as **liaison between the pre-sales team** and acted as the bridge between various stakeholders to present and deliver solutions.

Komatsu, USA and Komtrax, Japan

Developed a comprehensive end-to-end monitoring and management system tailored for heavy machinery. The system includes advanced features allowing for the tracking of the entire lifecycle of the end consumer product.

- Implemented solutions using Azure Data Factory and Azure Databricks for large-scale databases like Data Warehouse, resulting in an increase in data processing efficiency.
- Utilized Cosmos DB as a persistent layer to achieve faster data access and data movement, reducing data retrieval time by 15%.
- Integrated various data sources including SQL Server, Excel and SQL Azure, streamlining data consolidation and reducing data silos.
- Recreated existing application logic in Azure Data Lake, Data Factory, SQL Database, and SQL Data Warehouse environments, resulting in system stability and performance.

Ducen - An Orion Innovation Company

Lead Technical Specialist

August 2015 - Dec 2017

Chennai, TN

Bell Canada - Analance

Analance is a business intelligence solution that offers advanced analytical capabilities, enabling businesses and organizations to gain deeper insights from their data and make more informed decisions.

- Led the development team in understanding requirements and preparing system design specification documents, resulting in an increase in project delivery efficiency.
- Worked on Angular 4 Medtronic Theme in Angular for dynamic and Scalable UI using Angular feature like Reactive forms and Lazy Loading
- Implemented Web API using OWIN architecture to serve as a gateway for HTTP message handling and interception.
- Developed a component to support CRUD operations and retrieve database schemas along with their metadata across different databases.
- Gathered scope requirements through client business discussions

IBM

Technical Lead

Jan 2015 – Aug 2015

Bengaluru, KA

TD Bank Canada

Enterprise application dealing with day to day banking and business operations.

- Prepared system design specification documents for enhancements and problem change requests.
- Prepared estimations and monitored work during design, coding, and unit testing phases, achieving a reduction in project cost overrun.
- Developed requirement and traceability matrices for mapping requirements, ensuring seamless requirement traceability.
- Created system deployment plan documents, reducing deployment time by **30%**.
- Utilized SSIS packages for data transformation jobs, reducing data processing time.

New York Life Insurance, USA

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This system serves as an illustration platform for various insurance products offered by New York Life Insurance.

- Enhanced products by understanding existing code and implementing new changes based on business requirements, resulting in an increase in product performance.
- Coordinated with production support for real-time issues, including out-of-browser support using WPF on .NET Framework 3.5, reducing downtime by **10%**.
- Used SOAP objects with WSDL and UDDI to describe and locate web services, ensuring interoperability with external systems.

Education

NIIT, Chennai Campus

Diploma in Computer Science, Computer Science

June 1997 - June 1998

Chennai, India

University of Madras

Bachelor's of Commerce, Business Commerce/General

Jun 1992 - May 1995

Chennai, India