

# Venkatesan Jayaraman

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## About

**.Net full stack developer** having **12+** years of experience in designing, developing and maintaining the **Windows/Web** Applications and Services using **Microsoft** technologies and **.Net** framework. A good **team player** as well as **individual contributor** with strong ability to constantly **upskill** and make efforts to do the work at hand by **managing time** effectively.

Aspiring a career in the field of **Software Architecture** to design and implement the systems that meets the complex business needs.

## Professional Skills

Web Development



DevOps



Windows Development



Architecture and Design



Cloud Computing



Project Management



Database Management



## Highlights

- Good command of **C#**, **SQL** languages and **OOPS** concepts.
- Proficiency with **server-side** application development using **.Net Core Web API**.
- Hands on experience in **Angular** and **React** front-end technologies.
- Good knowledge of programming languages such as: **HTML**, **CSS**, **Bootstrap**, **JavaScript**, **TypeScript**.
- Experience in developing the Windows Applications using **WPF** and **WinForms**.
- Having **DevOps** skills such as: **Azure Cloud** deployments and **CI/CD** pipeline configurations.
- Experience with **SingalR** real time chat application development.
- Skilled in handling **Synchronous** and **Asynchronous** communications between distributed systems.
- Creating and maintaining the **database designs** for data storage and processing.
- Knowledge of analyzing and identifying the applications performance bottlenecks and providing the efficient solutions.

- Familiarity with various software architecture patterns like **Distributed Systems, SOA, Microservices, Message Queueing, Event Driven Systems, CQRS** etc.
  - Exposure to **Agile** methodologies and **SCRUM** activities.
  - Involved in **resource planning, budgeting, scheduling, code reviews, security** and **quality management**.
  - Managing the **geographically distributed teams** and **cross-functional stakeholders**..
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## Work Experience

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### Supervising Associate

Mar 2020 - Present

Ernst and Young India Private Limited

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**EY Crowdsourcing Development Platform** is a crowdsourcing platform that empowers EY practitioners to discover and build reusable and scalable automation and analytics solutions. It helps to bring citizen developers, ideators and industry leading technical resources together into a flourishing community.

**EY Tie** is a web-based application with an automated solution designed to reduce the time taken and number of manual steps in performing the confirmation tie-out procedures. This solution enables auditors to upload their PDF confirmations for bonds and equities along with the prepared portfolio and performs an automated reconciliation.

**Quantum Key Distribution** is a prototype that establishes the secure communication method using cryptographic protocol involving components of quantum mechanics. It is a simple chat application that enables two parties to produce a shared random secret key known only to them, which can then be used to encrypt and decrypt messages.

**Quantum Drug Screening** is an experimentation project in which the drug identification molecular formula's can be simulated using the Quantum Techniques which can dramatically reduce the time required for the drug development.

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### Senior Software Engineer

Aug 2017 - Feb 2020

Eurofins IT Solution India Private Limited

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**Sub-Contracting Protocol** is an application that helps to distribute the comprehensive set of services across different lab sites within the Eurofins group by intercompany subcontracting or outside the Eurofins group by external subcontracting.

**Invoice Processing and Work-InProgress** is an automatic cash flow management system that standardizes and optimizes the invoicing processes and its related sub-processes across Eurofins. It helps to create/manage both automatic and manual Invoices, Credit Notes and Subscription Billing and issues the generated invoices to the customers. It also interacts with the other internal

systems like Account Management, Revenue Allocation, and Document Achieve Management for managing the payments, auditing and revenue forecasting.

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### Senior Associate

Feb 2017 - Aug 2017

Cognizant Technologies India Private Limited

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**Electronic Paper Evaluation Network** is an image-based paper evaluation system available on-line. It is one of the leading examining and awarding bodies in the United Kingdom and throughout the world. It allows the user (Evaluator) to mark once the papers are scanned and uploaded on-line. It provides several facilities like analyzing the capacity of the Evaluator, Allocating the papers to Evaluators, Calculating the scores and Publishing the results on time.

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### Consultant

Nov 2014 - Jan 2017

Egton Medical Information Systems India Private Limited

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**General Practice Extraction Service** is a windows service used to extract the requested information from every General Practitioner System's as per UK Government confidentiality policies. This information is used for research purposes, create awareness and to create the statistical data of the patient health information in UK. It is also used to measure the quality of the service delivered by Practitioners.

**Community Pharmacy Messaging Service** is an intermediate messaging service that helps the pharmacies to efficiently communicate themselves in real time in the centralized system.

**Patient Flow - Kiosk** is the touch screen based standalone application for booking appointments, confirming arrival in hospitals by self. It is an efficient check-in system designed to seamlessly integrated with EMIS Web. It also reduces the congestion and enhance the waiting room experience in hospitals.

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### Software Analyst

Jun 2013 - Oct 2014

Bally Technologies India Private Limited

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**Mexico Gaming System** is a fully functional casino management system used to control, monitor the networks of gaming devices at casino gaming sites and to maintain the player tracking details. It provides accounting, user security, cash transaction handling and financial reporting for cash register terminals and electronic terminals connected to the system.

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### Systems Engineer

Oct 2010 - Jun 2013

Tata Consultancy Services India Private Limited

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**Medispan – Product Warehouse** is a product warehouse application system that supplies the ordered drug information as flat files to the customers as per the schedule. It is an automated

service-based system in which the status of the shipment could be tracked and reset by the administrator. It also ensures the successful shipment of the drug information to the customer and each shipment is carefully tracked for correctness of the information.

**ProVation MD** is a windows based clinical system that replaces the dictation and transcription and allows the physicians to efficiently document procedures electronically at the point of care. It leads clinicians through the procedure documentation process quickly and automatically with intuitive navigation.

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## Education

### Bachelor of Engineering

Aug 2006 - May 2010

Electronics and Communication Engineering

Anna University, Government College of Engineering, Salem

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## Certifications

- Microsoft Certified Azure Solution Architect Expert
  - Microsoft Certified Azure Fundamentals
  - Microsoft Certified Azure AI Fundamentals
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## Awards and Recognizations

- EY - Exceptional Client Service Award
  - Eurofins - Star Performer Award
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## Personal Profile

Email	- <a href="mailto:jvenkatesanbe@gmail.com">jvenkatesanbe@gmail.com</a>
Mobile Number	- +91-9894263875
Date Of Birth	- 8th February, 1989
Gender	- Male
Nationality	- Indian
Languages	- Tamil, English, Hindi (Read, Write & Speak), Sourashtra (Speak)
Strengths	- Commitment, Agility, Leadership & Communication Skills.
Interests	- Finance, Browsing, Long Drive & Music.

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