Kishore Kumar Gunalan (Technical Architect)

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PROFESSIONAL SUMMARY

With over 19 years of experience, I am a seasoned executive adept in Product development and team leadership. Recognized for seamlessly transitioning between visionary thinking and precise execution. I consistently turn conceptual ideas into tangible products. I excel in swiftly identifying improvement areas, seizing innovation opportunities, and delivering creative solutions. Additionally, I am seasoned expert in Agile, Scrum, Kanban and Software delivery, demonstrating exceptions aptitude for project planning, execution, monitoring, risk and people management, enabling effective support for multiple concurrent projects within a matrix organizational structure.

- Having professional experience in Web development using ReactJS, Angular,, HTML5, CSS 3 Bootstrap.
- Database using MongoDB and SQL Server.
- Involved in the development using Microsoft Products of VB 6.0., VB.NET., ASP.NET, C#.NET,
- Followed Agile methodology in all of the projects, and handling a team of 15+ members.
- Having short term on-sight experience (Singapore) – Medi Infotec.
- Having long term on-sight experience in the Middle East (Muscat) – Medi Infotec.
- Handling a team of 20+ members as a Technical Manager.
- Having a sound knowledge in health care and supply chain management domain.
- Good knowledge in preparing Metrics and other managerial reports.
- Ability to communicate with people at all the hierarchy levels in an Organization, and Very good at development and Post Implementation support.

ACADEMIC QUALIFICATION

B.Com., from University of Madras (1997-2000)

HDSE Certification from Aptech – Chennai.

HSC from St. Josephs Anglo Indian Boys Higher Secondary School - Chennai (1995-1997)

SSLC from St. Josephs Anglo Indian Boys Higher Secondary School - Chennai (1995)

SKILL SET

Technologies	:	ReactJS, Angular and AngularJS, Visual Basic,
		VB.NET, C#.NET, ASP.NET (.NET 4.0, MVC), .NET Core Restful API and Azure Cloud Functions.
Big Data	:	MongoDB
Scripting	:	VBAScript, JavaScript & JQuery

Reporting Tools	:	Crystal Reports 6.0, Crystal Reports 10, SSRS & SSIS
Operating System	:	Windows
RDBMS	:	SQL Server 2008 R2
NoSQL DB	:	MongoDB, CouchDB
GUI Tools	:	Visual Studio 2017 & 2022
Source Control	:	GIT - SourceTree , SVN, Team Foundation Server (TFS), Azure

CAREER PATH

1) **Organization** : D4 Insight Pvt Ltd.,

   Designation : Solution Architect

   Period : Aug '2023 to Till Date.

2) **Organization** : Photon Interactive Pvt Ltd.,

   Designation : Solution Architect

   Period : Jan' 2023 To Jul '2023.

3) **Organization** : GAVS Technologies Pvt Ltd.,

   Designation : Senior Technical Manager

   Period : Apr' 2018 To Dec' 2022.

4) **Organization** : Photon Interactive Pvt Ltd.,

   Designation : Associate Architect.

   Period : Nov' 2016 To Mar' 2018.

5) **Organization** : GAVS Information Services Pvt Ltd.,

   Designation : Lead Associate.

   Period : May' 2007 To Oct' 2016.

6) **Organization** : MediInfotec Pvt, Ltd., Chennai

   Designation : Senior Software Engineer.

   Period : Apr' 2004 to Apr' 2007.

#1 APPLICATION PERFORMANCE MONITORING (PRODUCT NAME : GCARE-APM)

Organization : **GAVS Technologies**

Title : **Application Monitoring (APM)**

Technology : ReactJS, C# .NET Core, ASP.NET, CLR Profiler
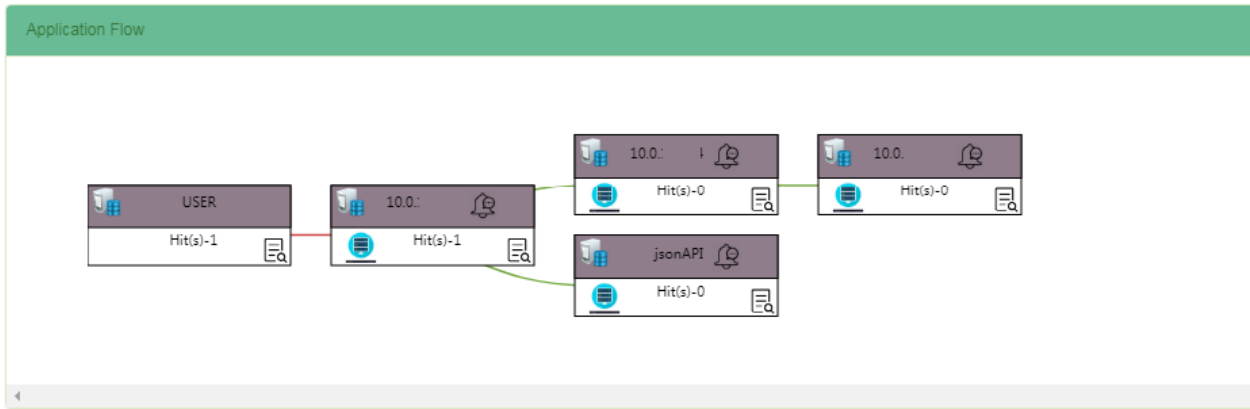
Description :

Application Monitoring is a product that is used to monitor the Web applications in IIS. APM is developed in C#.NET integrated with Microsoft Application Inisght code and customized to have the metrics in the cloud/on-premise database. The APM code includes below,

1.   C#.NET (HttpModules)

2.   CLR Profiler (Includes the ICorCallBackProfiler)

3.   Microsoft Application Insights code

4.   ReactJS (UI)

Below are the metrics that will be provided in UI after enabling the Application Monitoring for an applications,

1.   Request Call Tracing (For each unique request to the application)

2.   Remote Dependency Calls (Tracing outbound calls which includes API / DB)

3.   Method level metrics (will be traced as part of the request)

All the above will be combined with an unique GUID and will be shown as chart in the UI. Below is an example on how the chart will be appeared for one request in the application.

#2 N<small>EXT</small>N<small>UDGE</small>

Organization   :   **Next Health Technologies(USA)**

Title   :   **NextNudge**

Technology   :   ReactJS, MongoDB, .NET Core Web-API, HighCharts, LocationSmart, Twillio

Description   :

NextNudge application is used to provide the predictive and prescriptive analysis for the insurance provider. Initially the insurance provider sends data to NextNudge via ftp and the Python ETL process will translate the data from the file to MongoDB based on analytical logic written by the data scientists. Based on the data the application will provide the predictive and prescriptive analysis to the insurance provider. Campaigns will be send to the subscribers through Email and this

will inform the subscribers to avail the health checkup at their nearest locations. To identify a subscriber location we use the LocationSmart (third-party) application and Twillio will send the SMS and Emails to the Subscribers.

Responsibilities:

☐ Development of the front end application using ReactJS, .NET Core API and MongoDB

☐ Designed the platform using Repository pattern.

☐ Handling a team of 5+ members.

☐ Involved in preparing metrics report.

☐ Followed the SCRUM methodology for this project.

☐ Maintaining documents which are related to the project life cycle.

#3 POLYCOM – ECOMMERCE WEBSTORE

Organization	:	**Polycom Inc., (USA)**
Title	:	**Polycom – Ecommerce Webstore**
Technology	:	Visual Basic .NET / ASP.NET / C#.NET / Oracle / SSIS
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Description	:	

Polycom webstore application is a web based ecommerce project used to order products from various regions all ovr the world. These regions includes CALA, North America, Japan, ASIA and for the Internal customers. The price list needs to be loaded into the database through an automated "PRICE LOAD" for each and every month. These price lists includes new products, product families, product brands, product categories and discounts for various customers. For each and every region a separate Product tables are maintained. This is because for every customer / end user should have their own products to be selected from the Polycom Webstore application.

The customer first need to register with the Polycom Webstore to get an Customer ID. After registering he will receive an email contains the security code and this code to be entered in the Polycom Webstore at the first login. On entering the security code successfully the customer details will be emailed to Polycom Webstore Administrator and he in turn will assign the list of organizations that he can be viewed in the application.

The customer should select any of the available Organization to place an order with the Polycom. The relation Customer -> Organization is because, Polycom have outsourced for certain agents in all the regions. So if a end customer places an order with

Polycom the products will be delivered to the selected Organization. The Organization will in turn forward the products to the end customer.

When a customer selects a product in Webstore using the "Add to Cart" oprion, that product will be added to cart and the disounts for the product will be calculated automatically at the time of adding the product into the Cart. There are about 70 Stored Procedures and Functions (Includes Table-Valued and Scalar) are used in the Polycom Webstore Application to ensure that the Business Logic is implemented in the SQL Server instead of implementing that in the Application.

When a customer checks out the selected products the Webstore application in turn asks the customer to enter the Credit Card details. These details are encrypted using the RSA encryption key called as CyberSource Key which is provided by "GoDaddy" service provider. These CyberSource Key needs to be updated for each and every year to ensure that the SSL (Secure Socket Layer) never expires.

On successful completion of the order the Webstore application will generate a XML file and will be posted to the Peoplesoft database throught the WebMethods (middle level) using a web service provided by Polycom IT team.

Responsibilities:

☐ Development of the front end application using AngularJS, ASP.NET / C#.NET / VB.NET

☐ Upgrading the CyberSource key half yearly (Every 6 months) with GoDaddy.

☐ Handling a team of 4 members.

☐ Involved in preparing metrics report.

☐ Followed the SCRUM methodology for this project.

☐ Maintaining documents which is related to the project life cycle.

#4 TRAX – APPLICATION & MAINTANANCE

Organization	:	**Frontier Airlines (USA)**
Title	:	**TRAX – Application & Maintanance**
Technology	:	Visual Basic .NET / SSRS / C#.NET
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Description	:	

TRAX is a third party software used to store all the engineering and maintance activities of the Airlines company. The TRAX supporting softwares are developed to enhance the TRAX features using Microsoft Visual Studio 2005. I am handling almost about 15 application servers where the TRAX applications are installed for Development, Testing & Production. The main task is to customize the TRAX application according to the client requirements. This application is used mainly to monitor the flights

engineering activities, health check up of the flight and the part numbers. There are several sub projects involved in the TRAX application, they are,

1) Defect Chapter. (Microsoft Visual Studio 6.0).

2) Reliability Web Application (Microsoft Visual Studio 2005).

3) IPC Load Application (Microsoft Visual Studio 2005).

4) Reuqisition Report (Microsoft Visual Studio 2005 & Reporting Services).

5) LIDO.

6) SITA Sabre Feed.

Responsibilities:

☐ Development of the front end application using ASP.NET / VB.NET / VB

☐ Upgrading the TRAX application using the files available in the FTP server from TRAX.

☐ Handling a team of 6 members.

☐ Creating reports in the Reporting Services (SSRS).

☐ Involved in Manual Functionality Testing.

☐ Maintaining documents which are related to the project life cycle.

#5 QUALITY MANAGEMENT SYETEM (DOCUMENTUM)

Organization	:	**DIAL Corporation - Henkel (USA)**
Title	:	**Quality Management System (Documetum)**
Technology	:	Visual Basic 6.0 / Oracle 8 / Data Reports / Documemtum
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Description	:	

Documentum is a software used to create and maintain documents in the documentum repository. DIAL Corporation is maintaining server to handle the documents. In the server the documentum is installed and connected with a front end web application using ASP. From any part of the world the DIAL Corporation can able to acces the documents involved to create a product. All the documents are stored as PDF Format in the documentum reportsitory. The supporting application for creating and editing the documents has been developed in Visual Basic 6.0. Once the documents are created it will be stored in the INITIAL stage. After the approval of the document by the senior management the document state will be moved to EFFECTIVE stage. Once the document reached its obsolete stage then the docuements will be moved to the RETIRED stage. In the EFFECTIVE stage the documents cannot be edited, only a new version of the document has to be created, which will again be saved into the INITIAL stage.

Responsibilities:

☐ Development of the front end application using ASP.

☐ Development of the supporting application using VB 6.0

- Database are stored in the DOCBASE which is in the documentum repository
- Creating DataReport and converting them into PDF Format.
- Involved in Manual Functionality Testing.
- Maintaining documents which are related to the project life cycle.

PERSONAL PROFILE

Phone Number	**:**	+919841066320
Date of Birth	**:**	08 - May - 1980.
Sex	**:**	Male.
Marital Status	**:**	Married
Languages known	**:**	Tamil, Telugu, English.
Passport Number	**:**	E0735432
Communication Address	**:**	Flat E610, The Royal Castle Apartments,

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Thirumudivakkam,
Chennai 600 044, TamilNadu, India

Date   : 28-Jun-2014
Place   : Chennai   (G.Kishore Kumar)