# **.Net Technical Consultant**

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| **VARUN KUMAR ARALA**  10-5 ,C1 Block, Cyberia Smart Homes,  Kuala lumpur, Malaysia. | 0 6 - 0 1 4 3 2 9 8 5 9 5  sunil.madana.kumar+87@gmail.com |
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| **Objective** |

To pursue a highly rewarding career, seeking for a job in challenging and healthy work environment where I can utilize my skills and knowledge efficiently for organizational growth.

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| **Professional Summary** |

* Excellent record of accomplishment with **5.2 years experience** on **Microsoft .Net Technologies with framework 4.0, 3.5 and 2.0**.
* Good experience on design and development of Web based, Client/Server (Windows), 3 tier and N-tier applications using **C#.Net, VB.Net, ASP.net, and SQL Server 2005/2008**.
* Good experience on **SharePoint 2010** with custom web parts, master pages, application pages, modules, features etc.
* Extensive experience on **Banking**, **Insurance** and **Telecom** domains.
* Good work experience on **Agile Methodology (scrums and sprints)** and on **SDLC, STLC.**
* Good experience on **Model View Controller (MVC)** applicationarchitecture.
* Extensive experience on **object oriented programming** (oops).
* Excellent experience on **Socket Programming**, SOA with **WCF (SOAP and REST), Web Services** and **LINQ**.
* Good experience on reporting tools like **Crystal Reports** and **Aspose Words dll**.
* Extensive experience in **SQL Server Database** design, Database maintenance, developing T-SQL queries, stored procedures, and triggers using SQL Server 2008.
* Expertise experience on **Cryptography Algorithms** like RSA and 3DES for encryption and decryption.
* Good experience on problem solving environment, troubleshooting bugs from medium level to complex level business applications, and worked on change requests ( as per application requirements).
* Having good knowledge in **Microsoft Dynamics** – **Navision 5.0/2009** C/SIDE Introduction and Programming(**C/AL**).

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| Graduation |

**B.Tech (Computer Science Engineering) – 67%**

J.N.T.University, Hyderabad, India

**Higher Secondary Certificate – 72%**

Chaithanya Vidyalaya, Hyderabad, India

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| **Certifications** |

* **70-513** - Windows Communication Development with Microsoft framework 4.0.
* “**Extra Miler**” award from value momentum for extensive trouble shooting on issues.

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| Technical Skills |

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| IDE | **MS Visual Studio .Net 2010, 2008 and 2005** |
| Languages | **C#.NET, VB.NET, C, C++ and C/AL.** |
| Database | **MS SQL Server 2005/2008** |
| Web Tech | **ASP.Net, ADO.Net and Ajax Control Tool Kit 2.0.** |
| Scripting Languages | **JQuery and Java Script and CSS** |
| Markup Languages | **HTML, XML, XSLT, XPath, Schemas** |
| SOA | **Web services, WCF (Windows Communication Foundation), SOAP UI TOOL** |
| Source Control | **VSS (Visual Source Safe 6.0), TFS and Perforce (IBM).** |
| Operating System | **Windows 7 (64 bit), Windows Server 2008 R2, Windows Vista & XP.** |

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| **Professional Experience** |

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| Monster Technologies Sdn. Bhd (Malaysia)  **Technical Consultant** | **April 2013 to Till Date** |
| Value Momentum Software Services Pvt Ltd (CMMI Level5, India)  **Software Engineer, (Insurance Domain)** | **Jan 2012 to March 2013** |
| LinkWell TeleSystems Pvt Ltd (Brand Name: Visiontek, India)  **Software Engineer, R&D Department (Telecom/Banking Domain)** | **June 2008 to Dec 2011** |
| **Current Project :** **Monster – ezDoc and Job Wrapper April 2013 to till date** |  |

**Description:** ezDoc is an internal file sharing web portal that allows sharing files between users within the organization by upload and download files from ftp folder. ezDoc is also allowed sharing file to outside the organization by specified user mail id.

Job wrapper service is part of ezDoc, by this other job portal data created at ftp folder. This portal will contain the user (Administrator, user(s)) management with effective privileges structure.

* Involved in design and development with MVC design pattern.
* Implemented user authentication process by invoking webadmin service.
* Implemented manage file module for upload and download files from ftp, file sharing module etc.
* Implemented job wrapper module for posting jobs from outside portals.
* **Technologies used include: .Net frame work 4.0, VB.Net, C#.Net, LINQ, ASP.Net, WCF,XML, XSLT, SQL Server 2008 ,Clear Quest and perforce.**

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| **Project #1:** **RMIC – POSPLUS Commercial (LOBS: BAP/BOP/Home)**  **Client: Rural Mutual Insurance Company, Wisconsin, US Jun 2012 to March 2013** |

**Description:** POSPlus-Commercial is Insurance based quote management system that would allow agents to collect insured and additional insured information (risk information) from new client or existing client and calculate premium/insured amount by POSPlus application rating system and then submit to underwriter. An underwriter can evaluate risk and exposures of clients and validate insurance premium, billing amount etc. After successful approval from underwriter, an agent has to convert quote to policy by access GIMS services.

* Involved in design and development of N-Tier application line of business (LOB).
* Invoked GIMS and Choice point (LexisNexis) services proxy to access 3rd party server data using WCF.
* Implemented rating and underwriter rules management services using WCF.
* Implemented quote to policy and re-quote, version quote and lock/unlock functionalities using VB.Net, ASP.Net and SQL Server.
* Created offer letter and proposal generation documents using Aspose.words dll.
* Implemented client side technologies like Ajax, CSS, JavaScript and JQuery.
* Worked on XSLT, XML, JQuery and JSON for questionnaire engines to render showstopper and general under writer pages.
* Involved in database design and created stored procedures, functions and triggers using SQL Server.
* Worked on coverage endorsement and risk enrollment/adding.
* Implemented unit testing for business access layer and involved in regression testing and system testing.
* Worked on low-level design document and involved in project status meeting.
* Worked on issues while project in STLC and maintains.
* **Technologies used: .Net 4.0, VB.Net, C#.Net, LINQ, ASP.Net, WCF, CSS, JQuery, XML, XSLT, Aspose.words, SQL Server 2008 and TFS.**

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| **Project #2:** **Electronic Voucher Distribution (Product) June 2008 to Dec 2011**  **Client: EROS GROUP (Dubai), TOGO Telecom (Togo) and MAXCOM (Tanzania)** |

**Description:** Electronic Voucher Distribution (EVD) is a simplified solution to banking transactions, purchase prepaid mobile top-ups, post-paid bill payments and recharge vouchers through POS (Point of sale) terminals by integrated with banking services, deployed at Retailer’s desk. The application is designed and developed to overcome the problems associated with distribution of physical voucher like printing, dispatching, stocking, availability and tracking of recharge cards. EVD Application can maintain users like Administrator, Distributors, Retailers and Vendors. They can allow in to evd check their sales through vast number of real time sales reports. The application can allow the services like domestic gas, electricity, international calling, DTH television, internet etc.

* Import and export of postpaid bills to MFRI shared folder through FTP.
* Integration of super admin, sub distributor activities and Amount format.
* Implemented distributor and retailer denomination and commission structure.
* Design and implemented pin voucher tracking report, Sales wise day report and multi day report etc.
* Implemented services activation and deactivation to retailers.
* Involved in unit testing and business requirements gathering and preparing user guides etc.
* **Technologies used : C#.Net, VB.Net, ASP.Net, WCF, XML, LINQ, SQL Server 2005**
* **Product URL:** <http://www.visiontek.co.in/electronic-voucher-distribution.html>

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| **Project #3:** **HTTP Transaction Engine (EVD Module)**  **Client: Maxcom, Togo, Zambia and Rwanda** |

**Description:** Transaction engine is a windows service oriented application with http protocol listener mode. It can process the prepaid mobile top up incoming request and send proper response to client. Transaction engine makes pin less recharge and electricity token transactions etc by accessing other third party vendor servers and it also consist day wise auto settlement of transactions with proper cut off time and ftp (**file transfer protocol**) process. By this cash and card transaction process is going for all services.

* Analysis and design of windows GUI and code flow.
* Implemented socket programming from pos to transaction engine using HTTP Protocol.
* Design and implemented pin less (easy recharge) transaction flow and pending transactions.
* Design and implemented services web sales Reports.
* Implemented trouble-shooting tools for retailer amount mismatch error.
* Involved in unit testing, functional doc preparation and user manual creation.
* **Communication mode: Http, Https Protocol and basic http binding**
* **Technologies used: C#.Net, WCF, XML, SQL Server 2008 and SOAP UI**

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| **Project #4:** **Encryption Tool & PIN Generation Tool (EVD)**  **Client: Maxcom and Togo** |

**Description:** Pin generation tool is a windows based application. By this prepaid mobile top up pin are generated with proper expiry date, denomination code and serial number etc .These files are encrypted with encryption tool and decryption of pins takes place while importing in server.

* Analysis and design of windows GUI.
* Implemented RSA, 3DES algorithms for encryption and decryption.
* Used open SSL tool for certificate generation.
* Involved in unit testing and user manual creation.
* **Technologies used: C#.Net, OpenSSL, SQL Server 2005.**

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| **Project #5:** **Warehouse Management System**  **Client: J.B. Warehouse, Trambaklal Kastoorchand & co.** |

**Description:** This project used in the field of automobiles, which keeps track of all the information from ordering of the vehicle to its maintenance. Project consists of three modules Procurement, Assessment, and Hiring. Procurement is the process of ordering for a vehicle, sanctioning the order, delivering of vehicle, invoice details.

* Designed User Interface, Coding, Stored Procedures and Functions.
* Involved in Unit Testing and Integration Testing.
* **Technologies used: ASP.Net, C#.Net, Java Script, SQL Server 2005**

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| **Project #6:** **Fleet Management System**  **Client: SITA (State Information Technology Agency), SA.** |

**Description:** This project used in the field of automobiles, which keeps track of all the information from ordering of the vehicle to its maintenance. Project consists of three modules Procurement, Assessment, and Hiring. Procurement is the process of ordering for a vehicle, sanctioning the order, delivering of vehicle, invoice details.

* Involved in Design & Development of project.
* Design and Maintenance of SQL Server 2005 Database.
* Unit testing and user guide documents.
* **Technologies used: ASP.Net, C#.Net, SQL Server 2005**