



# RAVI KUMAR

SR. Technical Lead

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## PROFESSIONAL SUMMARY

- **14+ years of experience** in Object Oriented Analysis, Design, Development, maintenance & enhancement windows (WPF) and web-based applications.
- Have **B1/B2 VISA for USA** and have 10 months (3 US visits Pleasanton/Fremont California) **onsite experience**.
- **Master of Computer Application (MCA)** from U.P Technical University, Lucknow in July 2005.
- Expertise in Microsoft .Net Technologies **MS Visual Studio 2010-2019, .NET Framework 1.0/4.8, ASP.NET Web Forms, ADO.NET, C#, .Net Core, ASP.NET Core MVC, Asp.Net Core Web API, Azure DevOps, CI/CD Pipeline, Azure Server Fabric, Azure API Management, Swagger API, WCF, WPF, MVVM Light Toolkit, Entity Framework Core, Dapper.Net, LINQ, Kendo UI, SQL Server, MySQL, SVN, TFS, GIT, jQuery, CSS3, HTML5, Bootstrap, Angular, Typescript, NUnit/MSTest, Aspdotnetstorefront, Socket programming, TRX Framework, ISO 8583 Protocol, Design patterns, OOPs, SOLID Principles**
- Worked knowledge of various SDLC methodologies (waterfall, agile/ SCRUM)
- **Strong leadership**, Interpersonal, Public speaking, Technical presentation and Oral/written communication skills. **Highly motivated, works well independently**, as well as in a team environment.
- 2 years of working experience as **Individual contributor**
- 5 years of working experience as **Technical Lead**
- Create and develop system applications utilizing standard concepts, practices and procedures
- Work closely with other groups like product, business analyst, quality assurance, and project management resources throughout delivery of solutions
- Participated in architectural sessions and provide solutions to complex problems
- Implemented core design components with software development best practices
- Managed offshore team members assigned to a given project
- Have working experience in Retail, Payment, eCommerce & Healthcare domains
- LinkedIn: <https://www.linkedin.com/in/ravikumarsingh>

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## WORK SUMMARY

- HCL Technologies, Noida: Feb 2013 to Present. Current Designation: **Sr. Technical Lead**
- ISTS Infotech Pvt. Ltd., Noida, Clear2Pay Group: January 2008 to February 2013.
- A-1 Technology Pvt. Ltd., Chandigarh: September 2006 to January 2008
- One Card Solution, New Delhi: February 2006 to September 2006.

## SOME KEY PROJECTS SUMMARY

Project Name	Technologies Used	Role	Period	Team Size
Ryder eDVIR Generic Web API	C#, .NET Core Web API, Entity Framework Core, SQL Server, Swagger Definition, Dapper.NET, MS Azure Server Fabric, Azure DevOps	Sr. Tech lead	5	5
ADVIA2120i (Hematology Software)	WPF, C#, EF, MVVM Light, SQL Server	Sr. Tech Lead	1 year	7
TESTS	ASP.NET MVC, Kendo UI, C#, SQL Server, jQuery	Sr. Programmer	5 Months	1
TEAMS	ASP.NET MVC, Kendo UI, C#, SQL Server, jQuery	Sr. Programmer	20 Months	1
DRD Dashboard (Delivery Review Dashboard Web Application)	ASP.NET MVC 5.0, C#, SQL Server, Entity Framework, LINQ, jQuery, Bootstrap, Responsive Design	Sr. Tech Lead	20 Months	8
FMTS (Fix Bid Project Mgt Web Application)	ASP.NET MVC 5.0, C#, Entity Framework, LINQ, SQL Server, jQuery	Tech Lead	8 Months	5
Gifts Card Mall (e-Commerce Web Portal)	ASP.Net 3.5, C#, Aspnetstorefront, SQL Server, WCF	Tech Lead	1 Years	15
PDI Enterprise (Workforce Suite)	ASP.Net 3.5, Telerik Controls, C#, WCF, SQL Server	Tech Lead	2 Years	20
OfferClick/Online Promotion System	ASP.Net Framework 3.5, C#, Ajax, SQL Server	Module Lead	2 Years	10
Card Management System (CMS)	C#, Socket Programming, SQL Server 2005, (POS)	SSE	6 Months	12
Advanced Commission System	ASP.Net Framework 3.5, C#, Ajax, SQL Server	SSE	6 Months	4
PNA Loyalty Program	ASP.NET 2.0, C#, SQL Server 2000, Socket Programming	SSE	6 Months	4
Quick Charge	C#, SQL Server 2000, Socket Programming, Window Service	SSE	6 Months	3

## PROJECTS AT HCL TECHNOLOGIES

**Project** : **Ryder eDVIR Generic API**  
**Client** : Ryder System, Inc.  
**Role** : Sr. Technical Lead  
**Technologies** : C#, .NET Core Web API, Entity Framework Core, SQL Server, Swagger Definition, Dapper.NET, MS Azure Server Fabric, Azure DevOps

**Description:** Have created below Ryder eDVIR Generic Web APIs with CRUD endpoints like Customer vendor, Customer Lessee, Asset loading, Inspection & defects, Fault Code mapping, Repair notification

**Responsibilities included:**

- Closely worked with client for requirement & technical discussion.
- Presented weekly status report to client.
- Developed most complex modules of the project.
- Led the development team at offshore & provided technical support to the team whenever needed.
- Created unit tests for modules.

**Project** : **ADVIA2120i**  
**Client** : Siemens Healthcare  
**Role** : Sr. Technical Lead  
**Technologies** : WPF, C#, MVVM Light Framework, Entity Framework, SQL Server

**Description:** The ADVIA 2120/2120i hematology system is a fully automated diagnostic instrument with a throughput of 120 samples per hour.

- System with Auto slide streamlines workflow by eliminating the majority of manual steps commonly performed to maximize productivity. It delivers the standard in testing methodology for optimum results while offering the simplicity and flexibility need for easy integration into lab.
- Converted 30 modules of the application developed in VC++ to WPF, C#, Entity Framework.
- Major modules include ADVIA start, Activity log, Manual Sample process, Auto sampler process, System option configuration, Blood test configuration, Analyzing gain factors, Results screen, and LIS process.
- There is communication between machine and the software

**Responsibilities included:**

- Closely worked with client for requirement & technical discussion.
- Presented weekly status report to client
- Developed most complex modules of the project viz. Blood Calibration System, Gains, LISP (communication between instrument & Host computer)
- Led the development team at offshore & provided technical support to the team whenever needed.
- Created unit tests for modules

**Project** : **TEAMS**  
**Client** : Carrier Corporation  
**Role** : Sr. Programmer  
**Technologies** : C#, ASP.NET MVC, Entity Framework, SQL Server, jQuery, Bootstrap, Kendo UI

**Description:** TEAMS is an internally (CCS) developed application used for project tracking and management. Initially developed and deployed in 2013 for T&C (Technology & Components) the utilization of TEAMS has grown with numerous Business Units now employing TEAMS.

Project capabilities are continually being expanded. Core functionality includes tracking project milestones, KPIs, risks, issues and project related actions. With new functionality increasing emphasis is being placed on tools to aid component / product development teams. Permitting teams to focus more on project execution and less time preparing for reviews and responding to project status inquiries. Current examples include the automated tracking and management of actions associated with risk mitigations and issue resolutions including the automated generation of risk and issue slides. Additional capabilities include tracking of resource hours with an automated feed from TTS (Time Ticket System) and tracking of project costs.

**Responsibilities included:**

- Closely works with client requirement & technical discussion.
- Have worked on the issues & new features.
- Have worked on Mockups to visualize the screens using Balsamiq tool.

**Achievement:**

- Same client awarded one more PO

**Project** : **Delivery Review Dashboard Web Application**  
**Client** : HCL  
**Role** : Sr. Technical Lead  
**Technologies** : C#, ASP.NET MVC, Entity Framework, SQL Server 2005, jQuery, Bootstrap with Responsive Design

**Description:** It is an enterprise level application which enables senior management to review projects progress on various pre-defined parameters at various levels e.g. at individual project level to Account level to LOB level. Based on values of various parameters (KPIs) explained below, projects get overall rating of "Red", "Amber" and "Green". This review happens once in month in which all LOB heads presents progress of projects running under a specific LOB to COO of the organization.

**Responsibilities included:**

- Closely works with all the business stakeholders to get requirements.
- Have worked on Mockups to visualize the screens using Balsamiq tool.
- Took the initiative & have created project architecture using cutting edge technologies with responsive design using Bootstrap Framework to make compatible to all the devices Desktop, mobile & tablet.
- Remotely coordinate with another Technical Team.
- Have worked on the complex user stories.
- Have delivered successfully project within Time frame.

**Achievement:**

- Awarded as an "INNOVATOR" for delivering breakthrough solutions by LOB HR Lead & Sr. VP & CIO.
- Promoted as a Sr. Technical Lead

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**PROJECTS AT ISTS INFOTECH**

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**Project : Gifts Card Mall (e-Commerce Web Portal)****Client :** Blackhawk Network (a subsidiary of Safeway) ([www.giftcardmall.com](http://www.giftcardmall.com))**Role :** Technical Lead**Technologies :** C#, ASP.NET 3.5, SQL Server 2005, AspdotnetStoreFront Shopping Cart Tool**Description:** Gift Card Mall is an e-commerce website where sale and purchase of various gift cards (vouchers) of different brands under various categories is done. It maintains all the security features of an e-commerce site. It takes in customer credentials; payment details and thus delivers the card.**Responsibilities included:**

- Follows scrums and works on user stories assigned from the scrum master.

**Responsibilities at Onsite:**

- Client interaction & user stories grooming.
- Have worked on the complex user stories.
- Support in production release.

**Project : PDI Enterprise (PDI/Workforce)****Client :** PDI Enterprise ([www.profdata.com](http://www.profdata.com))**Role :** Principal Executive – Engineering (Module Lead)**Technologies :** C#, ASP.NET 3.5, Telerik Controls, SQL Server 2005**Description:** PDI/Workforce (hereafter referred to as PDI/WF) is an application suite to manage the workforce for a company with petroleum, convenience store, and food service operations. The application suite is designed to ultimately function independently of the PDI/Enterprise application suite – a proven accounting and ledger maintenance application suite from PDI. PDI/WF is envisaged as a modern rich Internet application. Following are the key modules of PDI/Workforce.

- a. Dashboard, Background process (Notification Server), PDI/Workforce company setup screens
- b. Timesheet & Timecard Mgt system, Time clock application (window application)
- c. SSRS reporting, Messaging, WCF services

**Responsibilities included:**

- Have exclusively worked on 4 modules dashboard (real time monitoring), notification server, employee management system & workforce Configuration modules of PDI/Workforce.
- Have created real time monitoring screen in Dashboard module with multiple widgets like messaging, report, alerts, labor hours summary in both graphical and chart representation, actual Vs budgeted labor hours chart
- Did R&D on third party controls "Telerik controls" and resolved every issue related to Telerik controls for whole team.
- Have successfully handled the team and delivered 4 milestones of the project as a module lead.
- Have created WF Services (WCF) for PDI Enterprise from scratches which are used as base services in the project.

**Responsibilities at Onsite:**

- Client interaction & requirement gathering.
- UAT Support.
- Development of 2 modules of the project.

**Project** : **Card Management System (CMS)**  
**Client** : ISIS Infotech Solution.  
**Role** : Sr. Software Developer  
**Technologies** : C#, ASP.NET 3.5, Socket Programming, SQL Server 2005

**Description:** Card Management System is a platform for managing the Prepaid Cards. The application covers the whole life cycle of a prepaid card right from its creation, issuance, and transactions and finally generating the statement periodically. CMS provides the web interface for administrating the application for setting the entities like Card Issuer Set up, Product Set up, Merchant Set up, Store Set up, Account Set up. Moreover, it configures the processing controls like Monetary Transaction Set up, Fee Catalog Set up, Service Charge and Billing Set up etc. CMS also has a Communication Framework which provides Automatic Services for capturing the transactions taking place at Terminals.

**Responsibilities included:**

- Worked on Transaction Server Processing for authorization the merchant request.
- Used TRX Framework for ISO 8583 message formation for communication.

**Project** : **PNA Loyalty Program**  
**Client** : Pacific Network Access.  
**Role** : Sr. Software Developer  
**Technologies** : C#, ASP.NET 3.5, Socket Programming, SQL Server 2005, MS-Access, MySQL  
**Description** : PNA host server application is designed and developed to process and handle messages received from Terminal during the purchase transaction/ loyalty enrollment process and provide a response back to the Terminal for the same. PNA Host Server will serve the request coming from different merchants (devices) and will establish the communication with loyalty host for all the loyalty program information exchange.

**Responsibilities included:**

- Have created transaction server using socket & implement VISA protocol for communication.
- Involved in creating the stored procedures to be used in the project.

**Project** : **Quick Charge**  
**Client** : MM Hayes Co. Inc.  
**Role** : Sr. Software Developer  
**Technologies** : C#, Socket Programming, MySQL  
**Description** : Quick Charge is multi-application software. The main purpose of this software will be to process employee purchases using employee badges or entering account numbers and must be capable of working in both "online" and "offline" mode. In online mode, the application will be sending real-time "balance inquire" or "transaction validation" requests to the Quick Charge server and the server will send the appropriate response and record the transactions. If the terminal is unable to complete an online transaction, it will go into offline mode. In offline mode, employee accounts will be validated against an internal positive account file and then the transactions will be recorded in the terminal.

**Responsibilities included:**

- Have created transaction server using socket.
- Have worked on the Transaction Module which involves different types of transactions: purchase, partial, refund, and balance enquiry.
- Have created response builder class for device request of every transaction.

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**EDUCATION**

- M.C.A from U.P Technical University, Lucknow in July 2005.
- B.Sc. (PCM) from M.J.P. Rohilkhand University Bareilly, Uttar Pradesh.

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**PERSONAL DETAILS**

- **Address** : KA-284, FF, Sector-12, Pratap Vihar, Ghaziabad
- **Date of Birth** : 1 May 1980
- **Languages** : English, Hindi
- **Passport No.** : G0480356

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The above information published is the best to my knowledge.

Ravi Kumar