**PRAMOD KUMAR**

**Microsoft Certified- Full Stack Dot Net & Cloud Developer**

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**Experience Summary**

* Around 11+ years of experience in software development in Microsoft technologies (2007 – Till date), currently employed as Technical Lead in HCL Technologies Ltd.
* Domains include Insurance, Retail (POS), Energy, Finance, Tax and Healthcare.
* Worked at client side in **IRAS** (Inland Revenue authority of Singapore) **Singapore** from June 2014 to Sept 2019.
* **DevOps Skills**-Continuous Integration, Continuous Delivery, Deployment Automation (Azure Pipeline), Container Concepts (Docker), Source Control (like GitHub, Svn, VSTS etc.).
* **Azure solution architect skills-** Develop custom features in Visual Studio based on specifications and technical designs, Windows Azure (Website, web role and worker roles), Migrating existing applications and SQL server to the Azure Cloud.
* Strong communication, analytical, relationship management and co-ordination skills.
* Team player with excellent programming and troubleshooting skills

**Key Responsibilities**

* Analysis of client requirements and providing the best suitable solution.
* Creating database design and all the required database objects.
* Prepare Technical Design Documents with class, sequence and ER diagram
* Estimates and Monitor Development efforts (Prepare Detailed WBS)
* Technical Design of the Application (Architectural)
* Database Designing.
* Writing code or programs to get desired results.
* Deciding modules to be developed based on the analysis.
* Coding and testing complex and critical modules and other modules
* Browsing new technologies and let be updated.
* Worked with test automation with DevOps Selenium Framework.
* Creating project related technical specifications and test plans;
* Troubleshooting code or computer programs that are causing errors or inaccuracy in various programs.
* Working directly with customers and clients to help them use the software accurately and as intended.

**Experience Details**

* Demonstrable capacity to implement and deploy applications using technologies such as ASP.Net Core 3.0, ASP.NET (1.1, 2.0, 3.5, and 4.5), Angular 7, Typescript, Node JS ,Bootstrap, Telerik, Kendo UI,SQL Server IIS 7, MVC (5,6), RAZOR, WCF, Web Services, RESTAPI Services jQuery,**Mircosoft Azure**.
* Good exposure to each of the phases of Software Development Life Cycle (SDLC)
* Experience working as part of Agile and Scrum development team.
* Mostly involved in fusion roles technical expertise and comprising project management.
* Experience in Windows & web applications using Infragistics Controls, LINQ, ADO entity model, Redemption.
* Having experience in wide variety of database systems like SQL Server, DB2, COSMOS DB, Mongo DB, MS-Access, PL/SQL, & Performance boosting
* Familiar with Salesforce, SharePoint.
* Ability to adapt for new roles & learn new technologies.
* Hands on Experience – Design Patterns like Singleton, Factory, Abstract factory.
* Designed and expertise in Cognos, SSRS and Crystal Report.
* Familiarity with various payment gateways and services (e.g. PayPal, Stripe) and integrating with them.
* Good experience of developing automation tools (Selenium) for both UI based and non-UI based and XUnit net Framework Core.
* Good team player can work in team as well as individually with no supervision and provide high productivity with high confidence.
* Have good experience in developing and implementing Dependency Injection, IOC and Design Patterns.
* Experience in development of SOA architecture-based applications with WCF and REST.
* Good in database programming skills and strong in writing SQL Server Queries, Stored Procedures, UDF’s, Triggers, Indexes, jobs etc.

**Technical Skills**

Web Technology ASP.Net Core 3.0 | ASP.Net MVC 5 & 6 | Angular |Typescript |

NodeJS | C# | VB.Net | RAZOR, jQuery, JavaScript, XML, XSLT,

WCF, REST, Web Services | IIS 7 | Rest Web API | ADO.Net

|AJEX, LINQ, | Json| xUnit.net

Microsoft Azure Application Insight |Log Analytics | Redis Cache | Azure Functions|

Blob Storage - Blob, Table, Queue, File | Azure Service Bus-

Queue, Topic, Relay | Azure App Server

Windows Technology VB.NET| C#.NET | WINFORMS | Web Services | Multithreading |

VB 6.0

Database SQL Server | Mongo DB | COSMOS DB | DB2 | MS-Access

Scripting Language Bootstrap |Typescript |React JS |Node JS | Java-Script | HTML

|CSS | JQuery |Json | Express JS

Reporting Services Crystal Report | Cognos Report |SQL Reporting

Design pattern & Framework Factory | Abstract Factory | Singleton | MVC | Entity Framework

Project Management PM Smart | MPP | ALM

Source Safe Tools: TFS |VSS | SVN | VMWare | GitHub

IBM Tools Data Stage Job | AQT |

Testing Tools XUnit .Net Core | Moq |DevOps Selenium Tool | Rhino Mocks| NUnit

**IT Certifications**

* **AZ-203** - Developing Solutions for Microsoft Azure Expiration: Dec 2021
* **AZ-300** - Microsoft Azure Architect Technologies Expiration: No Expiration
* **70-486** - Developing ASP.NET MVC Web Applications Expiration: No Expiration

**Employment History**

* **Technical Lead |** Sept 2019 to Present | HCL Technologies LTD | Noida, India
* **Lead Engineer |** June 2014 to Sept 2019 | HCL Singapore PTE LTD | Singapore, Singapore
* **Sr Software Engineer** | Feb 2012 to June 2014 | HCL Technologies LTD | Noida, India
* **Sr Software Engineer** | Feb 2011 to Jan 2012 | Chetu India P Ltd | Noida, India
* **Software Engineer** | Dec 2006 to Jan 2011 | One Card Solution (P) Ltd | Noida, India

**Professional Qualifications**

* **Master’s degree (2003-2006)** in MCA (Master of Computer Application) from ABES Engineering College, Ghaziabad (U.P), INDIA.
* **Bachelor’s degree (1999-2002)** in BSc (Bachelor of Science) from Digambar Jain College Baraut, INDIA

**Project Details**

**CDS** (Cognitive Document Search- Geochem) (Oct 2019 -Till Date)

Client: **FMG (**Fortescue Metals Group, **Australia**)

Client Portal https://access.fmgl.com.au

Employer: HCL Technologies Ltd

Work Location : Noida, India

Technologies: Asp.Net Core 3.0 | MVC 6| HTML5 | CSS3| C#| Microsoft AZURE (Blob

Storage, Service Bus, Azure Functions, Cosmos & Mongo DB) |Telerik

Kendo UI | Rest API | XUnit.net |SQL Server 2016 |TFS | VMWare | GitHub

|Moq Testing Framework

Team Size: 5

Role: Sr Dot Net & Cloud Developer

Description: **Geological Document Search** is cognitive search against geological

documents and reports. User can search and filter and get the highlights and

spatial results. Exploration are tasked with identifying potentially minable

mineral resources. They accomplish this in part by manually exploring millions of pages of public domain geological exploration reports available only in PDF format.

The Geological Document Search system leverages cloud and AI

technologies to read, index and make searchable the millions of pages of

documents previously ‘locked up’ inside PDF documents.

**CDS** has also delivered an extensible architecture, and platform for

‘ingesting’ and ‘enhancing’ documents, or other information sources more

Generally. Data from disparate sources of geochemical sample data will be

extracted, transformed and loaded (ETL) into a Common Intermediate Table

Format (CITF). The CITF data will be stored in SQL Azure. CITF embodies the concept of sample sheets. Data from the initial source is normalized into

sheets, surface samples, collars and drill-hole samples. The objective of the

enhancement process is to normalize the sheet headers and sample data into a common ontology. Once the data from an entire sample sheet has been enhanced validation processes (Validators) are run to check the results for the whole sheet.

A T-SQL view of the data will be provided that embodies Analysis Ready

Format (ARF). The ARF view may be consumed directly in T-SQL or by the

CDS UI and other UIs/Applications such as GeoCortex via the CDS Discovery API.

An additional page will be added to the CDS UI that will allow queries to be

made against the ARF view including a map that will display the prevalence

and type of ARF data in a geographical area when zoomed and allow the

selection of an area to be used as part of a ‘WHERE’ clause against the ARF view.

Responsibilities:

* Carefully analyses the project and rectify the errors found in the process.
* Understand and evaluate complex data model.
* Undergoing the process of analysis in order to fulfil the requirement of system wide and prepare technical documentation.
* Implementing the best practices and coding standards of the project.
* Perform validation and verification testing by XUnit .net framework test project.
* Interface with clients and gather business requirements and objectives.
* Taking the ownership of application working on and providing deliverables.
* Fixing the bugs in development life cycle and post-delivery user modifications.

**MyIceBox (***Oct 2019 – Dec 2019)*

Client : MyIceBox ( <https://myicebox.reddyice.com/#/login>)

Employer : HCL Technologies Ltd

Work Location : Noida, India

Technologies: Angular 7, Typescript, Node JS, Express JS, Web API (CRUD Operation), VS

Code Editor JavaScript, Json, HTML5, CSS3, Bootstrap, AJAX,

MSSQL Server – 2012

Team Size: 3

Role: Sr Software Developer

Description: This was a small web application. Reddy Ice is the largest manufacturer and

distributor of packaged ice products in the United States—from bags of ice to

cold storage. And we are working on backend management application to

manage the whole process. Tracking the truck routes and whole day activities

of supplier agent.

Responsibilities:

* Understanding of Requirements and business Specifications.
* Use SQL Server as the Database.
* Responsible for the engineering & coding of GUI rendering system.
* Development, testing and profiling of product.
* Design, Development & bug fixing.
* Version management by GIT.
* API are written in C# with CRUD (Create, Read, Update, and Delete) operation.
* Client Communication, Project Estimation.
* Provides online payment platform with multiple payment modes, eNETS, NETS (POS) gateway.

**IRAS-IRIN (***Dec 2018 - Sept 2019)*

Client: **IRAS** (Inland Revenue authority of Singapore)

Employer: HCL Singapore Pte Ltd

Technologies: ASP.Net MVC 5| C# | Web API | Web & Win Form | SQL Server

2012| TFS| ALM Portal. Crystal Report| Cognos Report| Automated

Testing | Scripts| IBM Data Stage Job

Team Size: 4

Role: Sr Software Developer

Description: Worked in the Build Team as Sr. Senior developer in IRAS (Enforcement Department). In this team, I am working on SRs, New and existing batches, Web UI changes and Cognos reports from scratch and successfully deployed in Production. Batch will read the data and update our DB2 & SQL Server database. During new batch and enhancement period, we have meet critical deadlines and delivered batch work on time as per user expectations. An Also involve in testing, built and deployment to ensure all deployments happened perfectly. Follow the IRAS internal development process, first code deploys into DEV, SIT, UAT and ORT Environment and next proceed to move the changes in production.

Responsibilities:

* Developing various modules of web application using MVC architecture.
* Creating Stored Procedures and Triggers for various data queries fetching data from SQL Server.
* Written and enhance existing test automated scripts using Selenium framework.
* Taking the ownership of application working on and providing deliverables.
* Fixing the bugs in development life cycle and post-delivery user modifications.

**IRAS-SPCP (SingPass/CorpPass Implementation) (***Oct 2017- Nov 2018***)**

Client: **IRAS** (Inland Revenue authority of Singapore)

Employer: HCL Singapore Pte Ltd

Technologies: Asp.Net MVC 4.0, WCF, Web API, SQL Server 2008 R2, TFS, ALM Portal.

Crystal Report, Automated Testing Scripts, UAM Third Party Server

Team Size: 2

Role: Sr Software Developer

Description: The existing ISDS project is a mission-critical system that processes the

collection of stamp duty and tax administration functionalities. Registered

users of the system currently log in to ISDS using its inbuilt authorization

system.

As eGov Council of Singapore has decided that SPCP will be the default authentication and authorization mechanism for all government-to-citizen (G2C) and government-to-business (G2B) transactions. Therefore, the existing inbuilt authorization system of ISDS project has replaced by SPCP authorization mechanism.

ISDS has 2 types of users – registered users (RU) and non-registered users (NRU). The RU login using ISDS authorization system and this will be replaced by SingPass (for individuals) and CorpPass (for entities).

The NRU user must key in their personal credential in order to be authenticated by SingPass. SingPass will route the user back to ISDS portal after authentication. The NRU information retrieved from SingPass (e.g. NRIC) will be captured in ISDS backend tables and displayed on ISDS e-services as required.

The RU (Registered Users) who has already registered with ISDS as an individual user will have their identity numbers registered in ISDS. After SingPass is implemented, these users will be redirected to the SingPass for authentication. They will input their SingPass ID and password for authentication and will be redirected back to ISDS portal after SingPass validations.

As long as the company has an active registered account with ISDS, CorpPass users should be granted to access to ISDS even if his personal identity does not exist in ISDS.

2FA (Second factor authentication) will be required together with SingPass & CorpPass. CorpPass only provides 2FA login for SingPass-backed users, with an indicator stating that the user has been 2FA verified.

This project was fixed Date Projects and critical deadlines, but we have

delivered project on time as per user expectations.

Responsibilities:

* Developing various pages of web application.
* Creating SSIS packages and reports using SSRS.
* Taking the ownership of application working on and providing deliverables.
* Fixing the bugs in existing application as and when reported by client.

**IRAS-ISDS (***Jun 2014- Nov 2017***)**

Client: **IRAS** (Inland Revenue authority of Singapore)

Employer: HCL Singapore Pte Ltd

Technologies: C#, ASP.Net, Java script, .Net Framework 3.5, Web Form, WCF, Web

Services, SSIS, SQL Server 2016, TFS, ALM Portal.

Team Size: 4

Role: Sr Software Developer

Description: **IRAS-ISDS** is an e-stamping application. This application facilitates different users to do e-Stamping to pay Stamp Duty on various commercial transactions on which stamp duty is payable. Stamp duty is a tax on documents relating to immovable properties, stocks or shares.

This online application:

* Provides e-Stamping with 30 different kind of Legal agreement online application forms, in which applicant fill in their agreement details.
* Provides interfaces with the payment gateways and GIRO Payment modes.
* Issues stamp certificate(s) as a proof of Stamp Duty paid with anti-forging features (Solution Provided by Trust Copy) once payment is processed.
* Have complete accounting system for the IRAS users.
* Process data received from external agencies which also have rights to do the stamping of the documents for the deals in real estate / housing sector of Singapore i.e. HDB and JTC, with a daily feed of batch files.
* Integrates the payment processing with the external agencies which accept payment for IRAS as a payment input source, i.e. HSBC Bank and Singapore Post.
* Provides online payment processing for the convenience of Subscribers and Non-Subscribers with following payment modes, eNETS, NETS (POS), GIRO and Payment Voucher.   
  Manage incoming/outgoing correspondences in much managed way, it index all incoming/outgoing correspondence. And also facilitates IRAS officers to send electronic letters as attachment to Subscribers.

The primary users of this application are Registered Users, Non-Registered Users, and Admin Users.

Responsibilities:

* Developing various pages of web application.
* Involved in Requirement gathering from IRAS users
* Meet the user requirements into coding using .Net technologies.
* Interaction with other team members taking their input as the application is an integrated application.
* Enhancement and change request
* Bug fixing
* Unit Testing
* Data Migration and ETL operations using SSIS
* Involved in project audit as per the CMMI level process
* Develop source code
* Handing and Developed all Crystal Report Module Taking the ownership of application working on and providing deliverables.
* Fixing the bugs in existing application as and when reported by client.

**Encompass (***Feb 2012 – June 2014***)**

Client: Worley Parsons, USA

Employer: HCL Technologies.

Technologies: WinForms, C#.NET, SQL Server 2008 R2, LINQ, TFS, Multithreading,

Infragistics Controls

Team Size: 8

Role: Senior Developer. Build Manager

Description: Worley Parsons is a big name in Engineering and construction service providers. The Encompass windows application is used across their branches for all the client documentation management and data management. It is a huge application comprising of several modules.

**Encompass** is the backbone of Worley Parsons business which is quite complex and challenging window based legacy application which was developed using Microsoft access as front end and back end. Now Encompass is redeveloped to latest Microsoft technologies like .net 4.5 using VS2012 and Microsoft SQL Server2008.

Responsibilities:

As a Lead Software Engineer, I was responsible for:

* Coding, Testing and Code review of various use cases of the application.
* Creation of test case documents for various modules of the application.
* Creating tables, procedures, triggers etc.
* Involved in design and development of the forms.
* Creating build for deployment on client machine
* Solving all build related issues.
* Creating regular code backups in Team Foundation Server (TFS)
* Solving technical issues of junior team members

**PcRecyler (***Feb 2011- Jan 2012***)**

Client: PcRecyler

Employer: Chetu India Pvt Ltd

Technologies: ASP.NET 4.0, C#, SQL Server 2005, Web Service, LINQ, Salesforce

Integration Services.

Team Size: 5

Role: Sr Developer

Description: This Project is an Online application integration system. By this project

Organization able to get created record off salesforce.com automatically insert record in local database on off our Notification service will run based on salesforce.com trigger which will fire module wise CRM application having many modules like account, contact, Opportunity, Lead, Job, Job Approval performance. Another Feature we give day wise job and it will manually run by application user which will sync

Salesforce.com Data---> Application Database --->Salesforce.com database for update Sales force item quantity and add attachment file for items detail.

Another data collection process based on Handheld device and that will synch our data in local database for actual sales item entry

Responsibilities:

* Involved in RDBMS database designing. Creating the interface forms (Master Pages) and coding and LINQ for query.
* Application Architecture
* Implementation of search engine queries for analytical reports generation.
* Preparation technical documentation.
* Exception handling (validation)
* Implementation of search engine queries for analytical reports generation (Crystal report 11).
* Implementation of tree structure for employee status reports generation
* Creating web API for various data queries fetching data from Ingres database.
* Taking the ownership of application working on and providing deliverables.
* Fixing the bugs in development life cycle and post-delivery user modifications.

**Academic Qualifications**

* **10+2** from Uttar Pradesh Allahabad Board.
* **10t**h from Uttar Pradesh Allahabad Board.

**Personal Skills**

* Performing and self-motivated
* Ability to learn quickly.
* Good listening and interpretation capability.

**Personal Information**

Father Name : Krishan Pal Singh

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