**VIMLESH KUMAR**

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**Current Location**: Delhi/NCR – Gurgaon, India

**~Sr Developer/Technical/Business Analyst~**

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| **It Skills**  **Programing/Scripting Languages:** Python 2.7/3.6, Python Django, R Language, C#.net 4.0/4.5, Java 1.8/10, Spark Scala  **Database/RDBS/ETL: MS** SQL Server 2008R2/2012/2016, TL/SQL, Oracle 11g , PL/SQL, My SQL Server 5.7, SSIS  **DevOps, Repository Tools:** Git/GitHub, SVN, Jira, Maven, Jenkins (CI/CD), Docker, and Ansible  **Web Technology:** Angular 2/4, ReactJS, Python Django, ASP.Net, MVC 4, Java Script, JQuery, Ajax, HTML5, XML, JSON, RestAPI, WebService  **Could Technology:** AWS EC2, RDS, Cloud Watch, Elastic Beanstalk  **BigData &NoSQL:** Apache Hadoop, Cloudera, HDFS, Hbase, Pig, Hive, Sqoop, Spark Scala, MongoDB  **Reporting and Analytical Tools:** Tableau, PowerBI, SSRS.  **Software/IDE:** Microsoft Visual Studio 2010,2013,2015, VSCode, Eclipse, XCode, BIDS/DataTools 2010, Pycharm, Toad, SQLPLUS,   * **Operating System:** Windows 7, 8, 10, Windows Server 2008R2, 2012, Redhat Linux, Ubuntu, Mac OS X Leopard - 10.5, Snow Leopard - 10.6.   **key area**  -Requirement Gathering  -Application Architecture – Design  - POC (Proof of Concept) and R&D  -Application Development ,Programming & Implementation  -Interact with key stakeholders  -Technical & Prod Support  -Service Delivery  -Quality Assurance  -Reporting & Documentation  **Academic Details**   * MCA (Master of Computer Application) from IGNOU (MSIT, Janakpuri, Delhi) in 2011. * BCA (Bachelor of Computer Application) from IGNOU (MSIT, Delhi) |  | **Organizational Experience**  I have been working for **Optum Solutions Technology** (former known as UHGIS), Gurgaon, India **since 7th May 2012** as **Sr. Application Developer/Technical Lead**.  Worked with **Sapient Corporation**, Gurgaon, India since **Oct 2010 to Mar 2012** as **Software Developer – L2**.  Worked with **Sopra Group**, Noida, India **since Apr 2009 to Sep 2010** as **Associate Software Engineer**.  **Profile Summary**   * **Master in Computer Science,** having **~10 years of full stack development, release,** **business consulting & project management** experience with **different domains spanning across healthcare, provider reimbursement, telecom, finance & research**. * Experienced in working with Open Stack (**Django**, **Angular 2/4, NodeJS, ExperssJS, ReactJS**) language and framework to develop multi-tier web applications. * Experienced in working with Microsoft**(C#.net, ASP.Net, MVC 4/5, MS SQL Server)** language and framework to **develop scalable and multi-tier applications.** * Experiencedin worked with **Apache Hadoop (HDFS, MapReduce, Pig, Hbase, Spark/Scala)**, and Analytical, reporting, and automation tools and language **(Python, R Language, and Tableau, PowerBI)**. * **MS SQL Server complex query writing, procedure, function, trigger writing, index, replication,** backup, and job scheduling. * **Database ETL (SSIS) package development , and Database maintenance** task management * **Coding, implementing and integrating complex software programs using technologies; troubleshooting and debugging** existing or software products. * Expertise in **Cluster Analysis, data analysis, Data management, Linear and Non-Linear Regression , Decision Tree,, GLM, Statistical Machine Learning, Time Series in Python, and R Language.** * **Conducting unit & integration testing on the product and resolving defects found during testing;** initiating new ideas for product development resulting in process enhancement * Experienced in working with **version control systems like GIT and used Source code management client tools like GitBash, GitHub,** and Scrum **tool Jira**. * Experienced in **Git CI and Jenkins for CI and for End-to-End automation for all build and CD**. * Experienced in **application configurations, code compilation, packaging, building, automating, managing and releasing** from one environment to other environments and deploying to servers. * Experienced in **Linux environment**. Good knowledge and understanding of **database and application servers’** **administration in a global production environment**. * Worked in **developing playbook in Ansible to automate infrastructure** provisioning and **configuration management across the environment**. Good knowledge in Chef. * Experience in developing, presenting and maintaining requirement documentation such as **BRD, change requests, system study documents, gap analysis**, **root cause analysis, project & test plans**, **functional and application related position papers**, and functional flow documents. * In-depth understanding of **principles and best practices of Software Configuration Management (SCM) in Agile, SCRUM and SDLC Phases**. * Exposed to **all aspects of software development life cycle (SDLC) such as Analysis, Planning, Developing, Testing, implementing** and Post-production analysis of the projects. * **Good interaction with developers, managers, and team members to coordinate job tasks** and strong commitment to work.   **Area of Expertise**   * Expertise in **Cluster Analysis, data analysis, Data management, Linear and Non-Linear Regression , Decision Tree,, GLM, Statistical Machine Learning, Time Series in Python, and R Language.** * Experiencedin worked with **Apache Hadoop (HDFS, MapReduce, Pig, Hbase, Spark/Scala)**, and Analytical, reporting, and automation tools and language **(Python, R Language, and Tableau, PowerBI)**. * **MS SQL Server complex query writing, procedure, function, trigger writing, index, replication,** backup, and job scheduling. * **Database ETL (SSIS) package development , and Database maintenance** task management * **Coding, implementing and integrating complex software programs using technologies; troubleshooting and debugging** existing or software products. * Application development in Open Stack (**Angular 2/4, NodeJS, ExperssJS, ReactJS**) and Microsoft framework (C#.net, ASP.Net, MVC 4/5) * **REST full/JSON web service development and email pipeline** smtp configuration. * **Working on integration of projects and ensuring various elements of the project** are properly coordinated. * **Maintaining program modules including operational support, problem resolution, production support,** preventative and corrective maintenance and enhancements. * Expertise in **version control systems like GIT and used Source code management client tools like GitBash, GitHub,** Scrum **tool Jira**, Git **CI and Jenkins for CI and for End-to-End automation for all build and CD**. * Experienced in **Linux environment**. Good knowledge and understanding of **database and application servers’** **administration in a global production environment**. * Expertise in **developing playbook in Ansible to automate infrastructure** provisioning and **configuration management across the environment**. |

**Organizational Projects**

**Project Title: PAF (Patient Assessment Form) [April 2014 to Present]**

**Client: Optum**

**Designation: Sr. Application Developer/Technical Lead**

**Skills Used: Python and Django, SAS, HDFS, Pig, Spark Scala, MS SQL Server, C#.net, WebService, MVC.Net**

**Role & Responsibilities:**

* Understand and gather the client requirement, design the application architecture & data model, and develop the various modules.
* My work as a Lead developer to gather the requirement and assign the work to team member to develop the products which can automate the existing applications or tasks performed by the client, in order to save the manual efforts and resources.
* Data cleaning, Regression, and predictive model development
* Scraping and automation of these applications involves .NET technologies like WCF and web services.
* Following are few of the assignments I have worked on for this client:

**Project Description:**

* Patient Assessment Form (PAF) Program line of business offers a custom designed and maintained using MS SQL Server 2012, Angular 2, .Net 4.5, ASP.NET, C# .NET/Automation driven technology that service providers who are reimbursed for their participation in the PAF Program.
* PAF is a wide project with 14 sub modules, PAF use data from different sources to get data and prepare for provider reimbursement.
* **Data validation** and duplicate identify the duplicate chart ids/transaction id which is already processed.
* **Provider Payment Logic:** to validate provider or match the provider between payfile to Provider Payment Table to embrace payment; All not match records will be show in Exclusion report with NPR (Not Paid Reason).
* **EPS/Duncan Payment:** Logic to determine the provider is enrolled for direct deposit/electronic payment or not; system generates the separate for check print if TIN is not enrolled for direct deposit.
* **AP to Excel:** AP to excel collect data from EPS and based on business logic data gets in single Excel report. Automation is also designed to get data compiled and downloaded automatically based on schedule.
* **Duncan Check Void:** Duncan Check is a payment type in PAF, this module is design to get details of previously issued checks and void and reissue details. Check details are available in check active directory, shared drive and database. Automation is used to fetch details from all sources and show if that check was issued and what reason lead that to void. Excel result is produced to show the outcome.
* **Offset Logic:** Offset payment recovery automation was done to check and list providers those are overpaid and amount needs to recover. Excel based report was given after running the business logic.
* **PCP** – Payment Confirmation Pending: PCP automation facilitates Ops to identify which payment cycle is not approved and list of Chart ID those are process in a particular cycle.
* **1099 A & B TAX Module**: This automation collect from data from different web and windows application for quarter and commutative yearly payments to submit to Optum Finance for **US Corporate TAX**. Role of automation is gather data and checks based on business logic for any possible error in status with Ops and Payment teams and generate a txt file for submission. This is a quarterly scheduled automated task.
* **E2E** – End 2 End: End2End program is begin design to provide a single web based solution that will help Operations to monitor, pull reports, process payments and payment status of providers. Automation is ongoing on this project.

**Project Title: Mobile web and Native application for Time Tracking**

**Client: Sapient Corporation**

**Designation: Application Developer [iOS]**

**Skills Used:** **Swift, XCode, PhoneGAP**, **HTML5, Web Service, JQuery Mobile**

**Role Description**: To design and develop the module as per given assignment with XCode.

**Project Description:**

* Purpose to develop the web based mobile application which must be compatible for android, iPhone, Blackberry, and Symbian phones.
* TimeTracking is part of Sapient Enterprise project that user can enter their timesheet through mobile device.
* Developed an app that allows submit time card on daily basis and manager/client to manage/view the complete time card summary for billing. Gathered specifications, consulted with UX designers, IT department, employees, executives and buyers.
* **Highlights:** The app featured remote device configuration by consuming RESTful Web services. Added functionality to facilitate site-to-store transactions and executed server-side integration.

**Project Title: EAS (Enterprise Application for Sapient)**

**Client: Sapient Nitro**

**Designation: Application Developer [Microsoft Technologies]**

**Skills Used:** **C#, .NET Framework 4.0, HDFS, MapReduce, Pig, Scala**

**Project Description**:

* Enterprise Application is one of the crucial and big project for Sapient Corp., this application makes functional to Sapient. Its integrates to various modules like Time Tracking, Staffing searching tool, People portal, Office Services, HRMS, Finance, Report centre and Pivotal etc.
* Time tracking manage the effort of sapient employee corresponding project allocated that is synchronize with access time management.
* People portal manages the information of all sapient employees across country and consists information about sapient corp. like projects, holiday, events, management hierarchy etc.

**Project Title: PORTAL & GENERAL MANAGEMENT (Bundle ESB)**

**Client: Airbus**

**Designation: Application Developer [Microsoft Technologies]**

**Skills Used:** **.NET 3.5, C#, Web Services, SQL Server 2005, WCI & CVS**

**Project Description:**

* Airbus is a leading aircraft manufacturer with the most modern and comprehensive product line. Airbus portal and GM is an internet portal which composed of various portlets. Project Enterprise Solution Bundle is divided into two major domains Portals and General Management.
* The Portal domain consists of the maintenance and enhancement of the Airbus World, Airbus People, and Airbus Supply portals and numerous applications which are used in the portals as Portlets.
* Bundle ESB is further divided into Application service activities and Projects
* The scope of Application service activities includes Support, Bug Fixing and Minor Evolutions. Project consist a new development of an application.
* I Worked on Administration of Plumtree and Oracle WCI Portlets on airbus World, Airbus People, Airbus Supplier, and Airbus Supply Span.

**Project Title: ANALYTICS -TOP SEARCHED KEYWORDS PORTLET**

**Client: Airbus**

**Designation: Application Developer [Microsoft Technologies]**

**Skills Used:** **Java 1.6, Analytics API, Oracle 10g, WCI**

**Role Description:** As a Development team member involved in Coding and Testing of the project.

Technical Documents preparation

**Project Description:**

* This portlet is using Analytics in Oracle WCI. Aim of this portlet is to display the most popular searches on the portal for the last N days by querying an open usage API to get the results. .The number of keywords and period for reporting is defined in the user preferences of the portlet.
* The portlet can be enabled to display user specific portal traffic statistics in portlets administrative preferences screen.

**Personal Details**

**Date of Birth**: 10th Jan 1988

**Present Address**: New Delhi, India - 110018

**Languages Known:** English and Hindi