**Sunil Kumar (Certificate No. G978-6864 & H028-6068)**

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**Career Summary:**

**I am a Certified SAFe® 5 Practitioner with overall of 6 years and 1 month Experience with 3+years of Machine learning experience as Software Technologist with Philips HealthCare.**

**Objective:**

**Result-oriented professional with a proven record of achievement in conceiving & implementing effective ideas; targeting top level assignments in Software Development/ Consultancy/Business Analysis with a leading organization of repute in** **IT/Software** sector.

**Technical Skills:**

* **Python, Tableau, Pandas, NumPy, Matplotlib, Data Visualization, Heroku, SQL, skitlearn, NLTK, MongoDB, LSTM, BERT, NLP**
* **Statistics, Oops Concept, Data Structure**

**Certifications:**

* **Certified SAFe® 5 Practitioner**
* **Microsoft Certified Solution Associate in Web Application**
* **Microsoft Certified Solutions Developer in App Builder**

**Education:**

* **B.Tech. in Computer Science from Poornima Group of Institutions, Jaipur with 76.85% in 2015.**
* **XII from Army Public School, Dhaula kaun with 80% in 2011.**
* **X from Army Public School, Sukhna with 85.5% in 2009.**

**Professional & Industrial Exposure:**

**Current Role/Company:** Software Technologist / Philips HealthCare

1. **Philips HealthCare (ML & WPF) Aug 2019 to Till Date**

PET/CT Console, is a complete solution to perform a PET/CT Scans in the hospital.

**Key Responsibilities:**

* Developed an ML based api using flask to predict thyroid using different parameters such as T3, TSH, TT4 etc. The models is using the algorithm such as KNN inputer to predict the missing values, KMenas Clustering to cluster the data in the 4 different clusters and then Random Forest, ExtraTreeClassifier and KNN algorithm to predict the output variable, out of the 3 algorithm the output which gets the majority vote is considered as the final output.
* Involved in the multiple phase such as data cleaning, EDA, Pre-Processing and model building.
* Developed a POC to predict Prakriti of a Person based on various inputs Such as Skin colour , Hair colour, Teeth type, Body type etc.
* Contributed software engineering expertise to the development of different CT products by performing requirement analysis, proof of concepts, design, coding, unit testing, debug, bug fixing, and documentation of product artifacts.
* End to end feature delivery.
* Writing unit test case for the implemented features.
* Improved code quality to improve the performance and maintainability of different software modules by proposing architecture, design optimizations, and refactoring code. Increased efficiency and throughput of CT-AMI dev group by 25%.
* Creating 1-Click machine to deploy the PET/CT Console.
* Working on InstallShield to create MSI and deploy on the system.
* Developed an AI based smart tool for verifying and validating the text in the application with 80% accuracy of the model, which saved approximately 400 hours of manual effort per year for the company.
* Developed a model to recommends the parameters values from the previous scan to get the best image quality for the scan.

**Appreciation:**

* Hackathon 2021 winner for developing a AI model which can validate the text in the application, which saved 400 hours of manual efforts every year for the company.
* 3 timesAppreciation from Manger for Team up to Win.
* 2 times Appreciation from Manger to Faster Delivery.
* Techie of the month for July 2021.

**Role/Company:** Software developer**/**Imagine tech services **(**Landmark Health)

1. **Landmark Health (WPF) March 2018 to Aug 2019**

Ubiquity is a complete solution for the doctors to look after their patients and to schedule a visit. This application provides a complete care for the patients, pre and post discharge. It help providers to analysis the suspected diagnosis to the patient and procced according to it.

**Key Responsibilities:**

* Handling full-stack development (requirement analysis, implementation & testing) of features Developed WPF Screens for Ubiquity Application.
* Writing MongoDB Queries for Backend services.
* Have a Hands-On experience in Prism Framework.

**Role/Company:** SeniorSystems Engineer/ Infosys **Duration:** 29th Feb 2016 to 29th Mar 2018

1. **Citizens bank (.Net with C#) April 2017 to March 2018**

**BIC (Branch Image Capture)** Teller is a thick client application installed at all branch workstations. This application is utilized by tellers to assist customers and complete their transactions. The comprehensive solution offers integrated transaction and image processing, efficiently handles high volume of transactions, and proactively monitors the hardware, software and network components.

**WM (Wealth Management)** is a application which is being developed on the ASP.Net MVC 5.0 This application is used by the bankers to manage the wealth of their clients and is capable of providing a sophisticated solution for private banking to the users.

**Key Responsibilities:**

* Involved in development of Web Forms, classes using ASP.NET MVC 5.0, Database Connectivity and Entity Framework.
* Involved in gathering the requirements, analysis, design & development phases of the project.
* Involved in Unit testing and Integration testing activities.
* Involved in maintenance activity for WM application.

**Appreciation:**

* A utility tool was being developed for collecting WM logs from the server for the desired date and then sending it to the requested person/team, tool was developed in windows application.
* A tool was developed to automate the printer configuration for the workstations.
* A utility tool was being developed for marking the transactions as pending and then releasing the transactions which are being marked as pending.
1. **Finacal Porting(.Net) Aug 2016 to March 2017**

This is a porting application which is being developed using C# language to convert sql sever constructs (queries/store-procedures) into oracle constructs using Agile Methodologies**.**

**Key Responsibilities:**

* Involved in the development of the user stories (Modules).
* Testing of the user stories(Modules)
* Gathering requirements from client and implement that into module which is distributed across team.

**Appreciation:** Appreciation from the client for completing the assigned task faster.

1. **Training (Python and Middleware) Feb 2016 to July 2016**
* **Generic Training:** Introduction to Programming Fundamentals using Python along with Database concepts using MYSQL
* **Project Highlights:** Development, Integration and Testing of a social networking interface named PYSPACE. We had to understand the structure of application and implement the particular module for the application**.**
* **Stream Training:**
* **IMS Generic** : Introduction and understanding to Windows powershell and Unix shell
* **Basics of Middleware Administration** : Basics and advance of Weblogic and Websphere Administration using console mode and IBM WAS MQ Messaging Administration, Scripting using WLST and WSADMIN tool.

**Key Responsibilities:**

* Development and testing of the individual module.
* Integration of the individual modules and then testing the overall application.
* Set up of the infrastructure using middleware application.
* Hosting the applications on the infrastructures step up.

**Appreciation:**Awarded as the Highest performer (HPF)

**Personal profile: DOB**: November 20, 1995

I here by declare that information provided by me is true to the best of my knowledge.

**Place:** Karnataka, India (**Sunil Kumar**)