**SANJAY SAHU Mobile:** +27627562695 **E-Mail:** sank.sahu@gmail.com

**Seeking a challenging position to utilize my skills and abilities in areas of IT & Software Services, which offers a professional growth while being resourceful, innovative, and flexible.**

**CAREER OVERVIEW**

* Accomplished information technology manager offering over **12 years** of demonstrated career success in Software Design & Development.
* **Currently working with Dimension Data (Employed by EAI South Africa) as a Sr Software Developer.**
* Experience of executing projects and ensuring delivery of projects within the time & cost parameters.
* Demonstrated proficiency in managing the product development lifecycles from design & development to testing, deployment and support.
* Adept in end-to-end development of software products from requirement analysis to system study, designing, coding testing, de- bugging, documentation, and implementation.
* Exposure in **Angular, C#, DotNet Framework, DotNet Core, Web API, Microservices, WCF, SQL Server, Oracle, MySQL, Postgresdb and having excellent understanding of Docker, Kubernetes, CI/CD pipeline, Azure & AWS cloud and following Agile SCRUM Methodology for Development.**
* Deft at mapping requirements, custom designing solutions & troubleshooting for software problems.
* Acquires a clear understanding of the technology trends with the distinction of instituting new practices to achieve business excellence at the lowest overall cost.

**ACADEMICS**

* MCA from Vinayaka Mission University, Salem in 2011 with First Division.
* **‘A’ Level (equiv. To PGDCA) AICTE Approved** from DOEACC, New Delhi in 2007 with C Grade (64%).
* **BSc** from Lucknow Christian College, Lucknow University, Lucknow in 2006 with 46% marks.
* **12th** from Lucknow Christian College, Lucknow, UP Board, Allahabad in 2003 with 56% marks.
* **10th** from AIIC, Lucknow, UP Board, Allahabad in 2001 with 58% marks.

**EMPLOYMENT SCAN**

**April 2019-till Date EAI SA (Client: Dimension Data) Sr Developer**

**May 2015-April 2019 Nihilent Ltd. (Client: Multichoice SA) Project Lead**

**May 2013-April 2015 Nihilent Ltd. (Client: Multichoice SA) Sr. System Analyst**

**Oct 2010-April 2013 Nihilent Ltd. (Client: Multichoice SA) System Analyst**

**Feb 2009-Sept 2010 GI Biometric Solutions Pvt. Ltd, Lucknow Software Engineer**

**May 2007-Feb 2009 SecureMantra Technologies Pvt. Ltd, Lucknow Software Developer**

**SKILL SET**

**MANAGERIAL**

1. **Strategy Planning**

* Assessment and preparation of IT business strategies for the organization.
* Convert business strategies into structured projects with deliverables identified.
* Development and deployment of key execution strategies across businesses.
* Delivery of projects from conceptualization to delivery within preset budgets and deadlines.

1. **Project Management (Onsite/Offshore)**

- Project Execution - Requirement Definition - Effort & Cost Estimation

- Delivery Management - Client Management - Risk and Issue Management

- Management Interaction - Team Management - Change Management

1. **SDLC and Agile SCRUM methodology**

- Analysis & Requirements Gathering - Process Definition & Optimization

- Software Design, Development & Deployment - Coding, Testing & Validation

**TECHNICAL**

Languages : C#, Typescript, JavaScript & Python

MS Technologies : WebAPI, WCF & ASP.NET Core

Source Control : GITLab, TFS, VSTS

MSBI Tools : SSIS, SSRS

Cloud : Microsoft Azure & AWS

Web Technologies : Angular, Nodejs, HTML 5, XML, JQuery

RDBMS/DBMS : Oracle, SQL Server, MySQL, PostgresDB

NoSql DB : MongoDB, Redis

Other Tools : JIRA, RabbitMQ, NATS.io, Control-M and SonarQube

OS Platforms : Windows 10, Windows Server 2013\2016, Ubuntu, Linux

Principle & Patterns : SOLID Principle, Design Patterns

Architecture : MVP, MVVM, MVC

Methodology : Agile SCRUM, Waterfall & Kanban

Concepts\Domain : IT Services, Pay TV domain & digital media, Criminal and Civil Biometrics.

**PROJECTS HANDLED**

* SkyMart & ISPIC for ISP services to customer like quoting & billing management (IT Services)
* Clarity\Evolution for MultiChoice South Africa & Africa (Pay TV domain & digital media)
* IBS for MultiChoice South Africa & Africa (Pay TV domain & digital media)
* Synergy for M-Net & SuperSport (Pay TV domain & digital media)
* GPRS based Traffic Police Challan System (Uttar Pradesh Police, India)
* Tathya (A multi-Biometric based Identification Analysis & Criminal Tracing System)
* Automatic Fingerprint Identification System (Criminal Biometrics project for 10 States Crime record bureau)

***For details refer to the annexure.***

**PERSONAL DOSSIER**

SA ID : 8410156357181

Date of Birth : 15th Oct 1984

Gender : Male

Current Address : 102 Forest Place, 280 Pretoria St, Randburg, Johannesburg, South Africa

Alternate Email ID : [0sksahu@gmail.com](mailto:0sksahu@gmail.com)

Notice Period : 1 month (negotiable)

Nationality : Indian (Permanent Residence holder in South Africa)

**ANNEXURE FOR PROJECTS HANDLED**

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| * **SkyMart & ISPIC for ISP services to customer like quoting & billing management (IT Services)**   **Client**  : Dimension Data, Johannesburg, South Africa  **Organization**  : EAI South Africa  **Duration** : April 2019 to till date  **Technologies** : Angular 7, dotnet Core 2.x, WebAPI, Nodejs, PHP, Redis, Nodejs, NATS.io, Sql Server, MySQL.  **Team Size** : 10  **Role** : Full Stack developer  **Description** : The project was taken up to design and to manage all type of functional process related to ISP domain including Quoting, Billing & Services and CRM process. It is a complete system that control product & customer management, quoting, monitors connectivity mostly for corporate clients in South Africa and all other Africa Countries.  **Accountabilities** :   * To initiate a proper Agile SCRUM so the client can get regular and timely release according to the release cycle of SCRUM. * UI Designing, Coding modules & Unit Testing and peer review of Code and required Documents. * As a Full stack developer involved in team task like development, testing & deployment and Handling Daily standup, Sprint planning, Retrospective and other management reporting etc. * Regular interaction with client to understand the solution requirement and communicating the exact requirement to the team. * Implementation of architecture to achieve high level of flexibility, maintainability and scalability. * **Clarity\Evolution Project of Pay TV domain & digital media (Onsite Project)**   **Client**  : MultiChoice Group Pty ltd (Johannesburg, South Africa)  **Organization**  : Nihilent Ltd.  **Duration** : July 2014 to till date  **Technologies** : VS 2013\2017, Angular, ASP.NET Core, Microservices, WCF, Oracle & Sql Server, MSCRM, SOA, SoftwareAG WebMethod integration platform, SAP Stock & distribution, Hansen ICC billing system and RabbitMQ message broker.  **Team Size** : 10 (two teams and 3 developers 2 tester in each team)  **Role** : Technical Lead  **Description** : The project was taken up to design and to manage all type of functional process related to Pay TV domain including Billing, Stock & distribution and CRM process etc. It is a complete information delivery system that monitors and controls a Pay TV domain in South Africa and all other Africa Countries.  **Accountabilities** :   * To initiate a proper Agile SCRUM so the client can get regular and timely release according to the release cycle of SCRUM. * UI Designing, Coding modules & Unit Testing and peer review of Code and required Documents. * As a Technical Lead & Scrum Master involved in team task like development, testing & deployment and Handling Daily standup, Sprint planning, Retrospective and other management reporting. * Regular interaction with client to understand the solution requirement and communicating the exact requirement to the team. * Implementation of SOA architecture to achieve high level of flexibility, maintainability and scalability. |
| * **IBS (Integrated billing system) for Pay TV domain & digital media (Onsite Project)**   **Client**  : MultiChoice (Johannesburg, South Africa)  **Organization**  : Nihilent Ltd.  **Duration** : Dec 2011 to July 2014  **Technologies** : VS 2010\2013, JQuery, WCF, Oracle & Sql Server.  **Team Size** : 10 (two teams and 3 developers 2 tester in each team)  **Role** : Worked in a different roles within a project timespan as a Sr. Software Developer, Assistant Team Lead & Team Lead.  **Description** : The project was taken up to design and to manage all type of functional process related to Pay TV domain including Billing, Stock & distribution and CRM process etc. It is a complete information delivery system that monitors and controls a Pay TV domain in South Africa and all other Africa Country.  **Accountabilities** :   * To initiate a proper Agile SCRUM so the client can get regular and timely release according to the release cycle of SCRUM. * UI Designing, Coding modules & Unit Testing and peer review of Code. * As an Onsite TL Handling Daily standup, Sprint planning & Retrospective in Agile Scrum * Regular interaction with client to understand the Change Requests and communicating the exact requirement to the offshore team. * Implementation of SOA architecture to achieve high level of flexibility, maintainability and scalability. |
| * **Synergy (A Complete Business Management Solution for M-Net & SuperSport)**   **Client**  : MNET & Super sport South Africa  **Organization**  : Nihilent Ltd.  **Duration** : Oct 2010 to Nov 2011  **Technologies** : VS 2010, WCF, WPF, SSRS, Oracle 11i  **Team Size** : 10  **Role** : Sr. Software Developer  **Description** : The project was taken up to design and to manage all there business process. It is a complete information delivery system that monitors and controls a MNET & SuperSports Business Process in South Africa & Africa.  **Accountabilities** :   * To initiate a proper Agile SCRUM so the client can get regular and timely release according to the release cycle of SCRUM. * User Case preparation, UI Designing, Coding modules & Unit Testing. * Follow proper MVP structure to achieve loss coupling between different modules and layers. * Regular interaction with client to understand the Change Requests. * Implementation of SOA architecture to achieve high level of flexibility, maintainability and scalability. |

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| * **Uttar Pradesh Traffic Police Challan System**   **Client**  : Uttar Pradesh Government  **Organization**  : GI Biometrics Solutions Pvt. Ltd.  **Duration** : Nov 2009 to Sep 2010  **Technologies** : C#, ASP.NET, AJAX, JQuery, WCF, Sql server 2008  **Team Size** : 7  **Role** : Module Coordinator, Development, Identifying and documenting all business, technical, product and process requirements. To initiate a proper SDLC Cycle to timely deliver solution to the Client.  **Description** : GPRS Mobile Device based Challan System. This system can able to takes two or four-wheeler vehicles challan and able to generate automated report according to vehicles details like registration & status (weather it is stolen, not registered, or previously involved in any type of illegal offence etc.). It also has online web-based reporting and management system involves Authorization, Authentication and vehicle Detail Management System.  **Accountabilities** :   * To follow a proper Waterfall methodology for software Development. * User Case preparation, UI Designing, Coding modules & Unit Testing. * Regular interaction with client to understand the Change Requests. * Implementation of Service based architecture to achieve high level of flexibility, maintainability and scalability. |
| * **TATHYA (A multi Biometric based Identification Analysis & Criminal Tracing System)**   **Client**  : Maharashtra police and suited to the need of other State Police.  **Organization**  : GI Biometrics Solutions Pvt. Ltd.  **Duration** : Mar 2009 to Oct 2009  **Technologies** : DotNet 3.5,C#, Win Form, Multithreading, ASP.NET, Crystal Report, AJAX, XML, XSLT, Web Services, Silverlight, Sql server 2008/Oracle 10g and Mysql 5.x.  **Team Size** : 9  **Role** : Sr. Software Developer & Module Coordinator  **Description** : It supports different type of Biometric identification method such as Fingerprint, Palm print, Facial, Voice, IRIS etc. to identify the criminal from a large collection of records. It is a Multi Biometrics based application it supports multiple type of communication channel like PSTN, Broadband, LAN, WAN, and other wireless technologies. It has web-based reporting and monitoring system. It can process ten-digit roll fingerprint and single digit fingerprint throw different medium like 10 different type of fingerprint scanner as well as throw existing hard copy of fingerprint slips. It supports international standard of criminal biometrics files to process it and able to generate for other vendors software and for other countries’ existing AFIS system.  **Accountabilities** :   * To follow a proper Waterfall methodology for software Development. * User Case preparation, UI Designing, Coding modules & Unit Testing. * Regular interaction with client to understand the Change Requests. * Implementation of Service based architecture to achieve high level of flexibility, maintainability and scalability. |

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| * **AFIS (Automatic fingerprint identification System)**   **Client**  : Delhi National crime record bureau, Rajasthan, Orissa, Mizoram FSL, Chhattisgarh, Arunachal & Kerala State crime record bureau.  **Organization**  : SecureMantra Technologies Pvt. Ltd.  **Duration** : May 2007 to Feb 2009  **Technologies** : DotNet 2.0,C#, WinForm, Client/Server using Socket programming, Multithreading, ASP.NET, Crystal Report, AJAX, XML, XSLT, Sql server 2005/Oracle 10g.  **Team Size** : 8  **Role** : Software Developer  **Description** : Automatic fingerprint identification System is a fingerprint biometric based distributed client/Server application to identify the criminal from a digitized SCRB (state crime record bureau) fingerprint record library of criminals. It also contains web-based reporting system.  **Accountabilities** :   * To follow a proper Waterfall methodology for software Development. * User Case preparation, UI Designing, Coding modules & Unit Testing. * Regular interaction with client to understand the Change Requests. * To Develop a FIWS (Fingerprint Input Workstation) module and Matching Module and R&D in fingerprint Search Optimization technique. |

Date: Sanjay Sahu