Sandeep Kumar Yadav

RPA Architect & Data Analyst with a focus on RPA, Gen AI, Chat bot, SQL, Power BI & Tableau.

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I'm an Indian citizen and I can provide my own visa/work permit for Germany within 5-8 weeks. My notice period is 30 days. Negotiable.

TECHNICAL SKILLS

RPA: Automation Anywhere (AA) (7 years of project experience), UiPath (7), Blue Prism (2)
Chat Bot: Google Dialogflow (3), Azure BOT (1)
Gen AI: Google Vertex AI (1), Azure Open AI (1)
Data Analytics: SQL (12), Python (2), Power BI (2), Tableau (2), Data Visualization (2)
Cloud Computing: Google Cloud (2), Azure Cloud (2)
Software Development Methodology: Agile Scrum (12), Waterfall (10), Visio (12)

WORK EXPERIENCE

10/2015 – Present	**Manager Artificial Intelligence and Data** Deloitte Consulting, Artificial Intelligence and Data, **Singapore**

- **RPA**: Spearheaded process re-engineering and implementation initiatives for Group Operations at **UBS, Switzerland**, resulting in a reduction of 4 Full-Time Equivalent (FTE) positions. Successfully automated over 50 processes for **UBS**.
- **RPA**: Orchestrated the design and automation of the cargo booking process for **Singapore Airlines**, achieving a capacity saving equivalent to 4 FTE positions.
- **RPA**: Developed and executed the Intelligent Automation (IA) strategy, including the design and implementation of the IA Operating Model and roadmap, and establishment of the IA Center of Excellence (COE) in **Denka Japan**.
- **Gen AI**: Implemented Gen-AI using Google Vertex AI at **ONE Japan**, enabling natural language querying of internal graph databases to address challenges such as competitive disadvantage, missed growth opportunities, and potential business risks.
- **Chat Bot**: Led the design and implementation of virtual assistance solutions using Microsoft Azure's Bot Service for **Daimler Singapore** (**Mercedes-Benz**) to support IT operation thus reducing 2 FTE.
- **Chat Bot**: Managed Infra setup, design and implementation using Google Dialog flow to support HR operation thus reducing 2 FTE for **Telkomsel Indonesia**.
- **Data Analytics**: Design and developed the bill of materials (BOM) data model of the packaging process for **Novartis, Switzerland** to mitigate the risk of regulatory restriction of different countries.
- **Data Analytics**: Manage Dimensioning Client Information File (CIF) data model of the **UBS, Switzerland** to migrate the **Credit Suisse** Client's to reduce the number of portfolio review sessions and to create better client experience.

Tech used: RPA, Automation Anywhere (AA), UiPath, Google Dialogflow, Azure BOT, Google Vertex AI, Power BI, Data Visualization, Google Cloud, Azure Cloud.

| 02/2014 – 10/2015 | **Consultant ERP** |
| | Cognizant Technology, **Singapore** |

- Led a high-performing team of 5 full-time engineers in implementing Agile Product Lifecycle Management (PLM) initiatives at **GlobalFoundries, Singapore**. Championed roadmap definition, established best practices for software development, and provided mentorship, fostering team growth.
- Directed the design and implementation of new features, including a critical system for posting data for new products within the Agile PLM framework, leveraging the Java Spring framework.

Tech used: Oracle Agile PLM, Java, Java Spring, Java Hibernate.

| 04/2011 – 02/2014 | **Consultant** |
| | Nityo Infotech, **Singapore** |

- Led the design and implementation of the Global Test Structure System (GTSS), a comprehensive application built to streamline test structure definition, documentation, and layout at **GlobalFoundries, Singapore**.
- Prototyped functionalities for GTSS using AngularJS, Node.js, and MongoDB, enabling evaluation and securing stakeholder buy-in.
- Provided leadership to a team of 2 engineers, actively contributing to the design process and establishing best development practices.

Tech used: Oracle Agile PLM, Java, J2EE, Java Spring, Java Hibernate.

| 04/2007 – 04/2011 | **Network Administrator / Customer Network Engineer** |
| | IBM, **India** |

- Managed the central repository of all **Philip Morris International's** (PMI) intellectual property (IP) related to packaging design and specifications for 18 months as a Senior Agile PLM Onsite Coordinator in **Switzerland**.
- Led the design and development of the user interface (UI) and various service layers (MVC architecture) for **Decathlon's** internal quality system using Java J2EE in **France**.

Tech used: Oracle Agile PLM, Java, J2EE, Java Spring, Java Hibernate.

EDUCATION

Apr 2001 – Jul 2004 Master of Computer Applications (MCA), U.P Technical University, India

TRAINING

Artificial Intelligence, Implications for Business Strategy – MIT | Ui-Path RPA Certification | Blue Prism (BP) | Automation Anywhere RPA Certification (AA) | Java SE 6 Programmer Certified Professional (Java) | Pivotal Certified Spring Professional (Spring) | Oracle Agile PLM

LANGUAGE SKILLS

English (IELTS 7) | Hindi (Mother tongue) | German (A1, currently learning)

HOBBIES

Forex Trading | Traveling | Videography