Sandeep Kumar Yadav

Senior GenAI & RPA Architect with
a focus on Business Process Automation.

Singapore | Born 15/07/1980 | +65 8364 2523
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I can provide my own visa/work permit for Germany within 5-8 weeks.
My notice period is 30 days

TECHNICAL SKILLS

RPA: Automation Anywhere (A360) (7 years of experience), UiPath (7), Blue Prism(2), Power Automate (3), Power Apps(2) | Gen AI: Conversational Logic (OpenAI), Voice API (VAPI), Google Vertex AI (2), Azure Open AI (2) | Chat Bot: Google Dialogflow (3), Azure BOT (1) | Data Analytics: SQL (12), Python (2), Power BI (2), Tableau (2), Data Visualization (2) | Cloud Computing: Google Cloud (3), Azure Cloud (3) | Methodologies: Agile Scrum (12), Waterfall (10) | Website Frontend: Next.js (1), React (1)

WORK EXPERIENCE

10/2015 – Present

GenAI & Robotic Process Automation (RPA) Architect
Deloitte Consulting, Singapore, Singapore
Project: Deloitte Talent Acquisition AI Recruiter - Singapore-based recruitment solution that automates candidate hiring used across the Asian market. Leading the digital transformation of Talent Acquisition by deploying an AI Recruiter for the first round of screening & interviews. Automating approval workflows and offer generation, thus reducing offer turnaround time by 70% and accelerating hiring decisions.
Technologies used: Next.js, React, Voice API (VAPI), OpenAI, UiPath, Power Apps, Power Automate, Power BI, Azure Cloud

Project: UBS Credit Suisse - CIF Model Optimization - Singapore-based Data analytics model used by the Wealth Management division for client portfolio management. Managed and enhanced the Client Information File (CIF) data model using Power BI and SQL to support Credit Suisse client migration, reducing portfolio reviews and improving the client journey. #
Technologies used: Automation Anywhere, Power BI, SQL, Data Visualization, Azure Cloud

Project: Daimler (Mercedes-Benz) - Virtual IT Assistant - Singapore-based Chatbot solution used by the IT support team. Designed and deployed a virtual assistant using Microsoft Azure Bot Framework for the IT Support team to handle support queries, improving response times and saving 2 Full Time Employees (FTEs).
Technologies used: Automation Anywhere, Azure Bot, Azure Cloud

Project: Singapore Airlines - Cargo Booking Automation - RPA solution used by the cargo operations team. Automated the cargo booking process using Automation Anywhere for the Cargo Operations team to streamline workflows, improve resource utilization, and save capacity equivalent to 4 FTEs.
Technologies used: Automation Anywhere (V11), Azure Cloud, SAP Automation

Project: Denka - Intelligent Automation Strategy - Singapore-based RPA framework adopted company-wide across Japan. Defined and executed the Intelligent Automation strategy by building the IA Operating Model, roadmap, and Center of Excellence using UiPath, enabling scalable automation across business units.
Technologies used: UiPath, Azure Cloud, SAP Automation

Project: UBS - Operation Automation - Singapore-based RPA platform used by internal operations teams across Switzerland. Redesigned and automated 50+ processes in the Group Operations department using Automation Anywhere to

reduce repetitive manual tasks and improve process speed, resulting in time savings and saving 4 Full-Time Equivalents (FTEs).
Technologies used: Automation Anywhere, SAP & Desktop Automation

Project: **Novartis - Packaging BOM** - Switzerland-based compliance & data analytics platform used by packaging and compliance teams. Developed a Bill of Materials (BOM) data model using Power BI for the Supply Chain and Compliance team to meet international regulatory requirements and reduce compliance risk.
Technologies used: Oracle Agile PLM, Power BI, Data Visualization

02/2014 – 10/2015	**Cognizant Technology, Singapore** **Consultant ERP** **Project**: **GlobalFoundries - GTSS** - Singapore-based Fab design framework used for designing semiconductor chips. 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. **Technologies used:** Oracle Agile PLM, Java, Java Spring, Java Hibernate.
04/2011 – 02/2014	**Nityo Infotech, Singapore** **Consultant ERP** **Project**: **GlobalFoundries - GTSS** - 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. **Technologies used:** Oracle Agile PLM, Java, Java Spring, Java Hibernate.
04/2007 – 04/2011	**IBM, India** **Software Engineer** **Project**: **Philip Morris International - GIPSS** - Switzerland-based Packaging design system used for cigarette manufacturing. Managed the central repository of all Philip Morris International's (PMI) intellectual property (IP) related to packaging design and specifications for 18 months in Switzerland. **Technologies used:** Oracle Agile PLM, Java, Java Spring, Java Hibernate

EDUCATION

04/2001 – 07/2004	Master of Computer Applications (M.C.A.), UP Technical University, India
04/1998 – 04/2001	Bachelor of Science (B.Sc), Guru Nanak Dev University, India

ACHIEVEMENTS / CERTIFICATIONS

Building a Business Marketplace SaaS Application (Business-Marketplaces) | Artificial Intelligence, Implications for Business Strategy – MIT, USA | Automation Anywhere RPA Certification (AA) | Ui-Path RPA Certification | Blue Prism (BP) | Java SE 6 Programmer Certified Professional (Java) | Oracle Agile PLM

LANGUAGE SKILLS

English (C1) | Hindi (Mother tongue) | German (A1, currently learning)

HOBBIES

Cycling | Traveling | Videography | Algo Trading | Building AI Products