Curriculum Vitae

ISHAN SINGH

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EDUCATION

University of Illinois, Chicago *2024 – Present*
Master of Science – Business Analytics

SRM University, Chennai *2016-2020*
Bachelor of Technology - Electronics and Communications Engineering

WORK EXPERIENCE

Consultant, Deloitte USI, Hyderabad *04/2024 – 08/2024*
- Designed and implemented inbound and outbound **Oracle Cloud integrations** leveraging **SOAP and REST APIs**; executed comprehensive integration and **system testing** using **SOAP UI** and **Postman** to ensure data flow accuracy across platforms.
- Tuned complex **SQL queries**, achieving a 20% reduction in runtime; conducted **peer code reviews**, mentored junior analysts, and drove **defect resolution** for Production and UAT environments.
- Engaged in daily **Agile ceremonies** (Scrum), contributing to **cross-functional collaboration** and on-time deliverables.

Analyst, Deloitte USI, Hyderabad *05/2021 – 05/2024*
- Led data modeling efforts for multiple BIP reports and integrations, developing detailed SQL queries across financial domains including Project Costing, Fixed Assets, Procurement, Accounts Payable, and Oracle Time & Labor (OTL).
- Drafted detailed **design documents**, including **business context diagrams** and lean specifications, and led frequent review cycles with **business and IT stakeholders**.
- Executed **validation and testing** of data pipelines from **Teradata to Google Cloud Platform (GCP)** during UAT, gaining exposure to **DataFlow, Apache Beam**, and modern **cloud data architectures**.
- Delivered data in **JSON and XML** formats, collaborating with downstream teams for seamless data consumption.
- Led enhancements to **Oracle Billing and Revenue Management (BRM)** modules, owning the **Currency Conversion component**. Responsibilities included **pipeline modifications**, **iScript development**, and issue resolution using **UNIX, Shell Scripting**, and **Java**Delivered projects adhering to Agile and SDLC software development methodologies, proficiently utilizing issue tracking tools like JIRA and ServiceNow (SNOW).
- Managed end-to-end development and testing of various data warehouse components, including creating ER diagrams for modules such as General Ledger, Fixed Assets, Receivables, Project Foundation, Procurement, and Cash Management. Coordinated scheduling of these components through Oracle's Business Intelligence Cloud Connector (BICC) ETL tool.

Business Development Associate, BYJUS, New Delhi *06/2020 – 11/2020*
- Assumed an important role in driving sales for the product, showcasing adeptness in navigating the complexities of the sales process. Leveraged comprehensive training to effectively communicate product value and meet customer needs.

PROJECTS

Performance Analysis RoF-OFDM Architecture for Data Transfer *06/2020*
- Designed a circuit for data transfer using OFDM technique using radio over fiber.
- Compared different parameters and checked the efficiency of received signal at output.

LANGUAGES

English (Native) • Hindi (Native)

SKILLS

Technology Consulting • Client Stakeholder Management • Problem Solving • Business Analysis • Agile & SDLC • Project Management • Data Modeling • Data Analysis • API Integration • CRM • System Design & Documentation

SOFTWARE

SQL • Python • Oracle Cloud Infrastructure (OCI) • Oracle SQL & PL/SQL • GCP (Google Cloud Platform) • SOAP UI • Postman • UNIX/Linux • Power BI • MS Excel • ServiceNow • JIRA • R Language • Teradata • DataFlow • Apache Beam