



Devi Dayal

Nationality: Indian

Phone: (+81) 7085821794

Date of birth: 1990-02-10

Gender: Male

Email address: ddayald434@gmail.com

WhatsApp: (+81) 7085821794

LinkedIn: <https://www.linkedin.com/in/devi-dayal-4627b2116/>

Address: 505-007, 13-503 Sukematsu Housing Complex, Izumiotsu City, Osaka, Japan



PROFILE SUMMARY

I have an outstanding track record of achievements and professionalism, supported by a comprehensive tenure of 6.5 years in various domains, including database management, data lakes, cloud computing, data warehousing, Extract, Transform, Load (ETL) processes, and Big Data. My proficiency in Informatica and Python, coupled with my expertise in Business Intelligence (BI) tools such as Tableau, Power BI, Yellowfin, Motion-Board, and [Python 3](#), played a crucial role in shaping my professional journey. In my previous position, I was responsible for efficiently managing substantial global data loads, ensuring timely delivery while adhering to budget constraints, and optimizing performance at each stage. As an integral part of the CEO team, I actively contributed to research and development initiatives associated with our organization's Contineo IoT product. This involvement entailed exploring opportunities in vehicle-to-vehicle, vehicle-to-infrastructure, and smart cities initiatives.



EDUCATION

Bachelor of Technology [2011/04/04 – 2015/04/06]

University: Punjab Technical University

Major: Electronics and Communications Engineering (ECE)



WORK EXPERIENCE

Indicus Software Japan, Osaka, Japan [2019/12/16 – 2023/04/30]

Data Engineer



Requirement Gathering: Understanding users' business challenges or goals and initiating the process of acquiring knowledge, comprehending requirements, strategizing, architecting, validating designs with clients, and securing design approval.



Designing: Creation and improvement of data warehousing (DWH) models, the development of ETL pipelines using the Informatica tool and Python language (utilizing libraries such as pandas, SQLAlchemy), providing support for existing applications, and implementing optimized code designs to ensure optimal performance and to meet the organization's standards and requirements.



Data Collection and Preparation: Utilization of Informatica tool and Python language to identify data sources, extract relevant data, conduct cleaning and transformation processes, assess data quality, integrate datasets, document the procedures, ensure data security, and organize the data for subsequent analysis.



Business intelligence: To support decision-making, I engage in tasks such as generating reports, creating dashboards, crafting stories through storytelling, developing signals, building statistical models, and producing visualizations. These activities involve utilizing BI tools like Yellowfin and Motion-Board, as well as employing Python libraries such as NumPy, pandas, Matplotlib, and seaborn.



Big Data: Hadoop and its components (HDFS, MapReduce, Pig, Spark, Hive), databases (MySQL, HBase, Cassandra, MongoDB), resource management systems (YARN, Mesos), data processing frameworks (Tez, Spark Streaming, Flink, Storm), and supporting tools (Zookeeper, Zeppelin, Hue, Oozie, Kafka, Sqoop, Flume).



Technical documentation: Create and maintain a comprehensive record of the functionalities and enhancements of all technologies, ensuring their performance is upheld and improved.

Data Engineer



DWH/ DB: I provided support to the team's projects, which involved designing and developing data warehousing (DWH) and database (DB) models, such as star schema, snowflake schema, and normalization techniques.



Informatica 8.6 PowerCenter: Designing and implementing ETL mappings, transformations, and workflows utilizing Informatica PowerCenter. Data extraction from diverse sources, application of data cleansing, transformation, and aggregation in alignment with business rules and requirements. Efforts are made to optimize ETL processes for enhanced performance and efficiency. Thorough testing and debugging procedures are conducted, followed by comprehensive documentation, and ongoing maintenance and support activities.



Business intelligence: Created business reports and dashboards using Tableau and Power BI tools to provide insights and support decision-making.



Technical documentation: Created and maintained a comprehensive record of the functionalities and enhancements of all technologies, ensuring their performance is upheld and improved.



INTERNSHIP

Roman Technology, Bangalore, India [2015/04/20 – 2015/11/09]

Data Centre Engineer



Data Center: Designed, executed, and maintained LANs, WANs, and wireless networks for high availability, security, and scalability and applied expertise in network architecture, security protocols, and performance optimization to ensure optimal performance. Stayed current with emerging technologies and trends to design future-proof infrastructures that met changing business needs.



Racking Installation: Responsible for providing installation (racking) services for all network and server hardware at the data centers per established standards. Support system administrators, backup/recovery and maintain tape library, maintain call lists and contacts.



TECHNICAL SKILLS

Programming Languages & Web Technologies: Python, HTML, CSS, jQuery.

Operating Systems: Windows Family, CentOS/Redhat, and Ubuntu.

Databases/Data Warehouses: Oracle, MySQL, PostgreSQL, DL, AWS Cloud.

Business Intelligence Tools: Yellowfin, Motion-Board, Power BI, Tableau, and Python (Jupyter).

ETL Tools: Informatica 8.6, Oracle Data Integrator and Python.

APIs & Frameworks: JDBC, Servlet, JPA, Hibernate, Spring Mvc.

Web Server: Apache HTTP Server.

Browsers: Google Chrome, Safari, Firefox, Internet Explorer.

Other Tools: Sandbox Hadoop, NEC NISMAIL, Automatic Job Management system, WinSCP.



HOBBIES AND LANGUAGES



: Reading books



: Tennis



: Cycling



: Gardening



: Spending time in nature

अक्षर: English: Business, Hindi (Native), Japanese(N4).