SHASHANK SEN

Full-stack Cloud Data Engineer | ETL Developer

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OBJECTIVE

An ambitious and experienced Engineer with over 3 years of hands-on experience in the IT industry involved in providing development and production support in IT MIS hospital management software and cloud ETL solution for data migration.

EDUCATION

1. Bachelors of Technology with Compute Science and Engineering for 4 years.
2. Class XII (C.B.S.E) with 61.6% Bhopal, MP, 2011.
3. Class X (C.B.S.E) with 68% Bhopal, MP, 2009

SKILLS AND ABILITIES

1. **Operating System** – Windows, Unix
2. **Databases**: Postgres, Mysql, Oracle, MongoDB, H-base, BigQuery
3. **Programing Languages**: Java,Python.Shell,Springboot
4. **ETL Tool**: Nifi Flow
5. **Cloud Technology**: Google Cloud Service
6. **Reporting Tool**: Power BI
7. **Versioning Tool**: GIT
8. **Scheduling Tool: Airflow**.
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10. **Area of Interest** – Cloud Technology,Data Science
11. Big data hadoop training, able to write clean code in map-reduce/pig/hive. Able to create managed instance using multi node cluster in Hadoop”
12. J2EE training for creating web services using jsp/servlet using mvc architecture.

Trainings

1. Experience in working with Big Data.
2. Familiar with working with organization practices, within an agile SDLC methodology.
3. Sound knowledge of writing complex sql queries for data processing and data migration
4. Ability to work independently and as part of a team with minimal supervision.
5. Assist client and architect in identifying issues and process improvements, and distribution of work request Create manuals and support documentation
6. Excellent attention to detail and the ability to keep up with data entry
7. Possess the ability to operate effectively in politically sensitive environments, be comfortable with ambiguity and adaptable to change
8. Strong verbal and written communication skills; ability to communicate technical Utilize experience, technical knowledge and skills to identify and optimize capacity and performance issues for highest service availability and integrity

EXPERIENCE AND KNOWLEDGE

**Cloud data Engineer**

**Infosys (Nov 2018- Present)**

WORK SUMMARY

1. Working with HSBC as client, creating in house data migration pipelines.
2. Creating Data pipeline using GCP Stack as Dataflow, Pub/sub, cloud sql, big query for data migration for first direct banking app
3. Developed UI tool for NRT(Near Real Time) data migration from Mainframe db to cloud storage using Spring-boot, Nifi, python and shell script. .
4. Provides support to roll out team in understating the migration flow and tool which was created and it’s working for production support.
5. Responsible for End to end development, unit testing and deployment of the data pipelines and production support till pilot phase.
6. Responsible for coordinating training sessions for resources entering the Program
7. Creates and maintains process documents and user manuals (i.e. Strong internal relationship management and teamwork approach.

WORK SUMMARY

**FULL STACK SOFTWARE DEVELOPER**

**FREELANCER   
(May 2017-November 2018)**

1. Developed MIS software for hospital management modules as Inventory, pharmacy, billing, patient registration, dialysis, blood bank.
2. Providing client support and software management, software maintenance and deployment and production support to client.
3. Database management and data migration from file base systems to RDBMS database using sql scripts.
4. Updating GST into billing of the client as per new changes in the taxation policy.