

Shiva Manhar

AWS Data Engineer

Phone: +91-9098704107 | E-mail: shivamanhar@gmail.com | **GitHub:** <https://github.com/shivamanhar>

Kaggle: <https://www.kaggle.com/shivamanhar>, **Medium:** <https://smanhar.medium.com/>

OBJECTIVE

A dedicated professional, targeting senior level assignments in **AWS Data Engineer, Database Developer or Database Administrator** with an organization of high reputation across **IT, Product Based Industry**

PROFILE SUMMARY

- **Masters in Computer Application** professional offering **10 years** of experience in **Database Administration, Data Engineer, Data Analysis, Data scientist and Web Development**.
- Analyze and plan for testing and implementation new technologies to enhance database posture, including major MySQL version upgrades.
- I have experience setting up **slave servers** and implementing selective database replication. I am also experienced in setting up **multichannel replication**.
- Our top priority is to ensure the utmost level of availability for our database systems and infrastructure.
- Keen interest in the areas of **Statistical Modelling, Predictive Analytics, Data Visualization, Machine Learning and Web Development**.
- **8 Years'** experience using and deep knowledge of **MySQL, MariaDB, PostgreSQL Database**.
- **2 Years'** experience as **AWS Data Engineer**.
- I also have experience with **AWS, EC2, S3, lambda, Glue, Athena, Dynamodb, Kinesis, Redshift, Percona, Python, PySpark, Pandas, Numpy, Matplotlib**.
- Monitor the DB performance for slow queries, indexes and various other DB metrics.
- Advanced and updated knowledge of database security, backup and recovery and performance of monitoring standards.
- Having experience of running **own organization**.
- Also have a wide experience in working **Govt., Private** as well self-owned organization.

EDUCATION

Masters in Computer Application from Pt. Ravishankar Shukla University, Raipur (C.G.), India in 2012

Bachelors in Computer Application from Guru Ghasidas University, Bilaspur (C.G.), India in 2009

SKILLS

Programming Languages: Python

Database: MySQL [8 Years], MariaDB [8 Years], PostgreSQL, MongoDB

Data Engineer: NoSQL, SQL, ETL, PySpark, Redshift, Glue, Athena

Machine Learning: TensorFlow, Keras, scikit-learn, OpenCV, PyTorch, NumPy, pandas

Visualization: Matplotlib, Seaborn, Bokeh

EXPERIENCE

BS Fintech Private Limited, Bangalore as Database Administration **Project Name: BankSathi**

February 2023 – Till Date

Duties:

- Optimize database systems for performance efficiency.
- Perform space management and capacity planning for database systems.
- Creating complex functions, scripts, stored procedures, and triggers to support application development.
- Perform data back-up and archival on regular basis.
- Test databases and perform bug fixes.
- Develop security procedures to protect databases from unauthorized usage.
- Using Services (S3,RDS, AWS Glue, Redshift, Glue, Lambda, Python, EC2 and SQL)
- Database using MySQL
- Big data technologies PySpark

National Informatics Centre Services Inc. (NICSI), Raipur as Database Administration

April 2019 – January 2023

Pioneer e-Solutions Ltd. (April 2022 – January 2023)

Akal Information System Ltd. (April 2020 – March 2022)

Velocis System Pvt. Ltd. (April 2019 – March 2020)

Department Name: Agriculture

Project Name: RGKNY, Agrilicense

Duties:

- Installed, Maintained and upgraded MySQL, MariaDB, PostgreSQL.
- Point-in-time-Recovery, Physical and logical backup, Incremental Backup and Restore using Percona XtraBackup, Users and Privileges Management
- Administration of the database including performance monitoring and testing.
- Creating backup copies of database.
- Developed and created ER diagram, views, index, stored procedures and functions.
- Involved in the design of Physical Database schema, data modeling and performance tuning.
- Monitoring of database size and disk space in Production Environment.
- Using Services (S3,RDS, AWS Glue, Redshift, Glue, Lambda, Python, EC2 and SQL)
- Writing complex queries for SELECT, UPDATE, and DELETE in Redshift.
- Restoring a Redshift cluster from a snapshot.
- Copying data from S3 into Redshift tables.
- Copying JSON data from S3 to Redshift tables.
- Setup a Python virtual environment for Redshift.
- Creating a multi-node Redshift cluster.

- Creating Redshift tables using a distribution style key.
- Performing ETL using Redshift federated queries.
- Using **Pandas and Numpy** for data Analysis.
- Build scalable databases capable of ETL processes using SQL, Redshift and PySpark.
- Version Controlling Tool : **Git**

Ootaboo Pvt. Ltd., Raipur as Full Stack Developer

May 2015 – March 2019

Duties: Developed web based scheduling platform, also prepared data reports based on the criteria

Orbit Plus, Raipur as Full Stack Developer

May 2014 – April 2015

Duties: Website Development, Teaching and Training

Pt. Ravishankar Shukla University, Raipur as Assistant Professor

Sept 2013 - April 2014

Duties: Teaching and Programming training

Publication

R.D. Nirala, Shiva Manhar- “Visual Improvement for Dense Foggy & Hazy Weather Images, using Contrast Enhancement Techniques”, ISST Journal of Electrical & Electronics Engineering Vol. 7 No. 1 Jan-June 2016 pp 53-62. ISSN 0976-7363

Personal Details

Date of Birth: 21-09-1986

Languages Known: English & Hindi

Address: 10 main, 6th Cross, Indira Nagar, Bangalore, Karnataka, India