Yogesh P Murumkar

CEO & Corporate Trainer, Bharat Software Solutions, Pune-411045

Data Analysis, Data Analytics, Business Intelligence, Data Science, Generative AI, LLMs, Machine Learning, Deep Learning, NLP, Python, R, SQL, Big Data, Hadoop, Spark, PySpark, HBase, Hive, Kafka, Linux and Unix Shell Scripting, Databases (relational and non-relational MySQL, MongoDB), Tableau, PowerBI, MS Excel

Introduction

He has Completed his Graduation and Post-Graduation from Pune University in Computer

A technology enthusiast with more than 11+ years of experience including IT experience and teaching/training experience. Worked for **Capgemini India Pvt.** Ltd for 4 years and worked for clients **like Barclays and S-Pankki bank**. He has successfully trained more than 2500 participants for Languages/Technologies like **Artificial Intelligence, Data Science, Generative AI, Machine Learning, Deep Learning, NLP, Computer Vision, Python, R, SQL, MySQL, Power BI, Tableau, MongoDB, Big Data, Hadoop, Hive, HBase, Kafka PLSQL, Linux Shell Scripting**. Also guided many students and professionals by conducting hands on trainings with real time projects as per the need. He is Oracle10g Certified Administrator and, Microsoft Certified Python Developer. He has a very good experience of conducting online/offline hands-on training for the participants in India as well as outside India which include locations like Muscat, Oman, Dubai, California US etc**. As a professional he also runs a startup company named Bharat Software Solutions in Pune which deals in development and training services with a team size of 32 members which include full time professionals as well as interns. At Bharat Software Solutions many freshers, students have got opportunities to work as interns and get real time experience.** He has conducted hands-on training for various clients which include IT companies, real estate firms, pharmaceutical organizations, healthcare firms, universities, colleges etc. Currently training a batch of 32 professionals of Saudi Aramco, Accenture & Wipro for Data Analysis, Data Science & Machine Learning with Python, R-Language Al-Khobar, Saudi Arabia.

MAJOR ASSIGNMENTS:

Project	Client	Role	Technology	Period
4 Months Hands on training on Data Analysis, Data Science	Saudi Aramco, Accenture & Wipro, Al-Khobar, Saudi Arabia	Data Analysis & Data Science Trainer	Data Analysis, Data Science, Statistics using Python, SQL, MS Excel, Power BI, Tableau	23rd June 2024 – 10th Oct 2024
20 Hrs. Hands on Training Generative AI	Mogaveera Co-Operative Bank Ltd, Mumbai	Artificial Intelligence Trainer	Artificial Intelligence, Generative AI, Large Language Models	22nd March 2024-26th March 2024
30 Hrs. Hands on training on Big Data at Muscat Oman	Client in the middle East	Python Trainer	Python, SQL, Spark, Hadoop, Scala, Big Data Technologies	11th Jan 2024-18th Jan 2024
80 Hours of Hands on Training on use of Artificial Intelligence in analytics for real Estate companies	VTP Realty, Real Estate ,Viman Nagar, Pune	Data Science Trainer	Data Science, Python, Generative AI, Postgre SQL, Cloud Deployment, Data Analytics	8th Dec 2023-05th Jan 2024
21 days of hands on Training Conducted for employees	Hexaware Pvt. Ltd. Hyderabad	Trainer, Evaluator, Model Developer	Data Science, Machine Learning, Python, Postgre SQL, Cloud Deployment, Data Analytics	27th Oct 2021 to 5th Dec 21
40 Days Training for fresher candidates	Redon Systems Pvt. Ltd, Hyderabad	Trainer	MySQL, MongoDB, InfluxDB, Modern C++ with Qt and Unix Shell Commands	27Aug 2021-17 Sept2021
Training for fresher candidates	Acuvate Pvt Ltd,Hyderabad	Trainer	Python ,OOPs programming and MySQL with other techniques	7th April 2021-23April 2021
Training of 200 participants in ZCOER,Pune	ZCOER College and University	Trainer	Hadoop 2.9.0, Unix commands, Shell scripting	Jan,2018 – June,2018
Training of employees for Big Data Technologies	GOM, Information and Publicity Department	Trainer	Hadoop configuration, Ambari overview, Analysis of data using Mapreduce	June 2017 – Jan2018
Training and Certification for DELL EMC exam	Yavatmal Urban Co-operative Bank Ltd	Trainer	Hadoop2.9.0, Big Data,SQL, Unix	Jan 2017 – June 2017
Training students and professionals at Samutarksha Digital	Internal training at Samutarksha	Senior ETL Developer/Module Lead	Informatica, Oracle,TOAD, Unix	Jan 2016 – Jan 2017
EDW Data warehouse	Barclays	Senior Software Developer	MYSQL,SQL,PLSQL,C,C++,OOPs	June 2011-Dec 2011
Capgemini – BIRD-EDW	Barclays	Senior Software Developer	Informatica Powercenter, SQL,UNIX	Jun'2010 – Mar'2011

SUMMARY:

- Total 11+ years of experience (4 years IT + 7 years Training and Teaching)
- Currently working as Corporate Trainer for start up "Bharat Software Solutions", Baner, Pune, Maharashtra 411045
- Worked with Samutarksha Digital ,Whistelling meadows ,Bhugaon Road, Pune as Senior Trainer in Generative AI, Machine Learning, Deep Learning, Big data, Hadoop, HDFS, HIVE, Hbase, R and Rstudio
- Worked **for Capgemini India Pvt. Ltd. Talwade MIDC for 4 years as in Business Intelligence**
- Proficient in Installation, configuration and administration relational and non-relational databases like **mysql,Oracle,MongoDB,HBase**onLinuxplatform
- Proficientinhandsonlinux/unixcommands
- Workedondifferentflavorsof**LinuxlikeUbuntu,Redhat,Mandriva, Suselinux,kubuntu**
- Proficient in Installation, configuration and administration of single node cluster Hadoop1.x, Hadoop2.x and Hadoop3.x
- Successfully trained more than 500 students and professionals on technologies like C, C++, SQL, PLSQL, Python, HiveQL
- Implemented Analysis of Big Data using Map Reduce paradigm on HDFS
- Good knowledge of Hands on Hadoop commands
- Experience in putting data on HDFS and Moving the data from Local system to HDFS and vice versa
- Experience in Integration of HIVE, HBASE and Hadoop for Analysis of Big Data
- Experience in using SQL, HiveQL on top of HDFS for analysis of Big Data
- Knowledge of Hadoop Ecosystem
- Knowledge of Managed and external tables in HIVE for analysis of data on HDFS
- Hands on project for analyzing NCDC data to find maximum and minimum temperature using MapReduce paradigm
- Knowledge of analysis of different **types of data – Structured, Semi-structured,Quassi- Structured and Unstructured data**
- Admirable Professional skills in working independently and as a Team Member
- Good understanding of relational and non-relational databases

Sample Projects:

C++ project for Banking System for performing different operations:

Problem Statement:
Develop an application using C++ object oriented features for a banking system. This application should allow the operations like opening an account, balance enquiry, deposit, withdrawal, close an account and display all accounts in the database to see the details of all the accounts. After entering all the details of the account holder the application should generate the account number automatically and store the data in database. Also everything should be saved for all the individual user.

Details for Implementation:

Language	C++,OOPs concepts
Database	File based database
Framework	-
IDE	Code Block, Dev C++,Visual Studio
Domain	Banking

Web Scrapper project for Ecommerce using MongoDB and Python
Problem Statement:
Develop a review scrapper for ecommerce website like flipkart to fetch real tine reviews and display it to users
Description:
The problem statement was to develop a web application to fetch real time ratings, comment heading, actual comment, name of the customer, product name etc. from an ecommerce website like that of flipkart. Here user enters the name of the product and the application fetches the real time reviews about the product from flipkart.First time data will be stored in the database like mongoDB or sqlite and the application tries to find the match for the product name entered by the user.

Details for Implementation:

Language	Python 3.9,HTML
Database	Sqlite3,mongoDB
Framework	Flask
Cloud Platform	Heroku
IDE	Pycharm2021,VSCode
Notebooks	Jupyter, google colab,Jupyter lab

EDW Data warehouse project using SQL, PLSQL, Unix shell Scripting

Project & Assignment Description

EDW Data warehouse deals with different kinds of financial loans which are categorized as Facility, Professional, FEP. Data is coming from various sources like Oracle, Flat File etc. which will be loaded in to EDW based on different frequencies as per the requirement. The entire ETL process consists of source systems, staging area, ODS layer, Data warehouse and DataMart. ETL: Extract data from Oracle source and Flat files using Interaction tool and by performing required transformation. It will load data to Staging(Oracle) on daily basis by scheduling workflows.

Responsible for:

- Responsiblefor analyzing, designing and developing ETL strategies and processes, writing ETL specifications.

- Developed standard and re-usable mappings and mapplets using various transformations like expression, aggregator, joiner, source qualifier, router, lookup, update strategy, etc.

- Created the unit test cases for mappings developed and verified the data.

Other Applications

Application	Tools/Language used
An interactive Dictionary application	C++,VS Code
Creating GUI	QT,C++
Python Gaming applications Tic Tac Toe	C++,OOPs

Scheduling backup tasks with crontab in unix/linux

- Used crontab and linux shell scripting for back up tasks which involved files and databases
- Delete log files
- Archieve the data
- Regular clean up tasks
- Automated various jobs using unix crontab

PROFESSIONAL CERTIFICATIONS and OTHER ACTIVITIES

Oracle	Oracle Database 10g Administrator Certified Associate
DELL EMC	Global Certification in Big Data Analytics by DELL EMC
Microsoft	Microsoft's Python Developer Certification
You Tube Channel	Name is "Yogesh Murumkar" for hands on and topics related to Artificial Intelligence, Data Science, Python, Machine Learning and Hadoop Big Data like technologies

EDUCATIONAL QUALIFICATION

M.E.(Computer)	TSSM's PVPIT, Bavdhan, Pune University	2014	CGPA 7.9
B.E.(Computer)	STES's SKNCOE, Pune University.	2009	64.02%
H.S.C.	R.L.T. college of Science, Akola	2005	84.13
S.S.C.	New English High School, Akola	2003	82.13

TECHNICAL EXPERIENCE:

Big Data Tools:	Hadoop 1.x,Hadoop2.x,Hadoop3.x Good Knowledge of Hadoop services, HIve
REPORTING TOOLS:	Good Knowledge of Tableau,Power BI,Excel
RDBMS:	Oracle 9i/8i/10g/11g, MySQL
OPERATING SYSTEM:	Windows 9X/2k, Unix, Linux – Ubuntu 14.x/16.x/18.x
METHODOLOGIES:	Star Schema, Snow Flake Schema
Tools for Analytics	Python, R and R Studio, Tableau
SCHEDULER TOOLS:	Crontab
DATABASE TOOLS:	Mysql,Oracle,MongoDB,Hbase
LANGUAGES:	Python, R, Basic Java, SQL, Basic UNIX shell scripting

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Yogesh P Murumkar