KOMAL M.AVHAD

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🌐 Mumbai, India

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Education

Master of Business Administration
Symbiosis International University
|2022 |Pursuing

Masters (Signal Processing) EXTc
Vishwakarma Institute of Information
Technology Pune |2017 |88%

B.E. Electronics Engineering
Atharva College of Engineering |2015
| 69%

Skills

Software Skills:
Environments: Windows 10
Languages: C, C#, Python, SQL, Scala
Database: MS SQL Server, HAWQ,
Apache Synapse, Tableau

Azure Environment: Azure Data
Factory, Azure SQL, Azure Data Lake
Storage(Gen2), Key Vaults, Azure
Databricks

Big Data Ecosystem: Hadoop, Kafka,
Apache NIFI, HDFS, HAWQ, SpringXD,
Spark, Hive, SQOOP
Management Tool: TFS, JIRA, Rally,
Git and Azure Devops

Domain: Healthcare, Management,
Education, Research & Development
Managerial Skills: Creative thinking,
Decision Making, Project
Management, Analytical thinking

Languages: English, Hindi, Marathi,
French

Work Experience

Feb'20-Present Software Engineer- CitiusTech

Evicore Datalake :
-Migration of various on-prem application on to Azure cloud.
-Created ADF pipeline for table ingestion – truncate and load/ Incremental load.
-Familiar with triggers and worked on scheduling the ADF pipelines.
-Migrated various SQL views to Databricks
-Created JDBC connections from databricks to azure synapse
-Created pipeline to push data from databricks to Synapse table
-Good knowledge on creating Scope in databricks.
-Worked on various dbutils commands
-Have used different type of joins in pyspark
-Organized training and knowledge transfer sessions to expedite and ensure smooth onboarding process.
-Responsible for maintenance & up-gradation of technical documents.
Electronic Letter Generator (ELG):
ELG is web-based application that is a sub-module of a subrogation application 'Troveris'. ELG is mainly responsible for handling the communication by sending letters (Soft/Hard copies) to parties (Patients and Payers) for subrogation cases.
-Understood client requirement.
-Involved in Development, Unit Testing and maintenance
-Experience in creating template and support documents with technical specifications.
-Proposed and implemented various process improvement techniques by enhancing existing production codes and process.

Sept'17-20 Project Coordinator- Trident Tech

Assist project Manager with coordination of resources, equipments, meetings and information
-Orgnize projects with the goal of getting them completed on time and within budget as well Quality management

Jun'18-May'19 Faculty - Government Polytechnic Mumbai | Bandra

Guide, Lead & mentor students in Research Projects
-Assess Review & Evaluate Activities and progress
-Assist and support Senior Faculty

Jun'16-Aug'17 Research Project Trainee - Bhabha Atomic Research Centre

An electronic nose based on ZnO NWs for toxic gas detection, multiple sensor array selectively modified with different sensitizers. Data repository was prepared using an indigenously developed Data Acquisition System, Data Analysis, Testing Chamber & LabView based program. PCA is used in Pattern Recognition Technique
-Managed Project as well as Lab with the help of advanced project planning, Costing and Raw material, analysis and followUp, Guided students for research projects, Prepared report & Attended meetings

Achievements

Newsletter	BARC Newsletter May -June 2017 Article published on "Table Top Static Gas Sensing Unit: Model No. TPDBARC-16CH" http://www.barc.gov.in/publications/nl/index03_2017.html
Exhibitions	Masters Project got selected for National Technology Day Exhibition, 2017 Mumbai National Science Day Exhibition, 2017 Mumbai
Patent	Technology Transfer to National Physics Lab(NPL), ANTS Innovation Pune University, IIT, THETA Control