

GRANDHI SANDEEP

System Analyst

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System Analyst with 3 years of experience as MS-SQL Developer, developing reports in SSRS, PowerBI, and building Data Pipelines, ETL, reports using Big Data Technologies on Cloud.

| Academic Record | | | |
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| Class X | 90% | Gowtham Model School, Kakinada, A.P | 2010 |
| Class XII | 93.1% | Sri Chaithanya Junior College, Vijayawada, A.0050 | 2012 |
| B.Tech. (ME) | 8.2/10 CPI | National Institute of Technology (NIT), Agartala | 2016 |
| Civil Services | Cleared Mains Exam in The Year 2020 | | 2019-2022 |
| Work Experience | | | 24 Months |
| RAMCO SYSTEMS | | System Analyst | (October'16- April'18) -(March'23-Till Date) |
| Ramco Systems HRP, a software product to facilitate Payroll . | | | |
| Allegis Service India Pvt, Ltd | <ul style="list-style-type: none">To meet customisation of the client requirement I handled Backend customisation using SSMS, where I wrote Stored Procedures, Functions, Triggers and Views.To integrate client data, I used SSIS, where I performed ETL job and moved the data to database.To report the data as per the client requirement, used SSRS and created dashboards and reports.Worked as Functional and interacted with client to get the customisation requirements | | |
| Ooh!media Pvt, Ltd | <ul style="list-style-type: none">Handled client Change Request (CR) for reports, where I worked in Power BI and Stored Procedures. | | |
| WTP Pvt, LTD | <ul style="list-style-type: none">Worked as Technical delivery to support offshore team in customisation and led a team. | | |
| Lynk Pvt, Ltd | <ul style="list-style-type: none">.NET Application, where I worked in HTML, CSS and in backend used C# to handle API. | | |
| Work Experience Achievements | Star Award for exceptional performance: For implementing project on time with minor issues. | | 2023 |
| Projects | | | 12 Months |
| Twitter-Airflow-ETL | <ul style="list-style-type: none">This is End-End data engineering project using Airflow and Python, where I extracted data using Twitter API, used python to transform data, deploy the code on Airflow/EC2 and save the final transformed data on Amazon S3.Tech Stack: Python (Pandas), SQL, Airflow (Orchestration Tool), EC2, S3(AWS). | | |
| You tube-Data Analysis | <ul style="list-style-type: none">Project aim is to securely manage, streamline and perform analysis on the structured and semi-structured YouTube videos data based on the video categories and trending metrics.Tech Stack: Python, Pandas, SQL, AWS (EC2, S3, IAM, Glue, Lambda, Athena, Cloud Watch, Quick sight). | | |
| Apple Health ETL Project | <ul style="list-style-type: none">This project involves an Extract, Transform, Load (ETL) process to analyse sleep data exported from Apple Health to iCloud in XML format.The data is then processed and transformed using AWS services, queried through Amazon Athena, and visualised using a Streamlit dashboard.Tech Stack: Python (Pandas, boto3, lxml, s3fs, awscli, duckdb, streamlit) SQL, AWS (EC2, S3, SNS, IAM, Glue, Lambda, Athena). | | |
| Stock Market Kafka Real Time | <ul style="list-style-type: none">End-End data engineering project on Real-Time Stock Market Data using Kafka.Tech Stack: Python, AWS (EC2, S3, IAM, Glue Crawler, Glue Catalog, Athena), Apache Kafka. | | |
| Uber Data Analytics | <ul style="list-style-type: none">The goal of this project is to perform data analytics on Uber data using various tools and technologies, including GCP Storage, Python, Compute Instance, Mage Data Pipeline Tool, BigQuery, and Looker Studio.Tech Stack: Python, Google Cloud Platform (Google Storage, Compute Instance, BigQuery, Looker Studio). | | |
| Batch ETL Pipeline - NoSQL | <ul style="list-style-type: none">This project is based on a Batch ETL Pipeline built on AWS.First, the Data is extracted using Lambda Function (API_Extract.py) from a Mock Data APIThe Data is then transformed using Pandas and loaded into a DynamoDB TableA Glue ETL Job (DynamoDB_to_S3.py) is set up to crawl the Data from DynamoDB Table apply necessary filter transformations and write the Data to an S3 Bucket as Parquet file with appropriate Partitions.The ETL Pipeline runs every hour, and this process is automated by a CloudWatch Event Rule.Tech Stack: Python (Pandas), AWS (EC2, Lambda, DynamoDB, Glue ETL Job, S3, CloudWatch Event Rule) | | |
| Technical Skills | | | |
| <ul style="list-style-type: none">Languages: Python, SQL, C, C++, C#, HTML, CSS. | | | |

- Databases and Tools: **MS-SQL Server (SSIS, SSMS, SSRS), NoSQL (MongoDB).**
- Big Data Technologies: **Hadoop, Spark, HDFS, Kafka, PySpark, YARN, Spark SQL.**
- Cloud Technologies: **AWS (EC2, Lambda, DynamoDB, IAM, Glue Crawler, Glue Catalog, Athena, S3, SNS, CloudWatch Event Rule, Quick sight).**
- Data Visualisation Tools: **Power BI, SSRS.**
- Orchestration Tool: **Apache Airflow.**
- Project Management Tool: **GitHub.**
- Data Modeling.
- Data Warehousing Concepts.

Certifications

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| ▪ Big Data: The Big Picture (Pluralsight) | 2020 |
| ▪ The Building Blocks of Hadoop – HDFS, MapReduce, and YARN (Pluralsight) | 2020 |
| ▪ Apache Spark Fundamentals (Pluralsight) | 2021 |
| ▪ Data Warehouse Fundamentals for Beginners (Udemy) | 2021 |
| ▪ AWS Cloud Practitioner (Amazon) | 2021 |
| ▪ Python (Course completion certificate-Ramco Systems) | 2018 |
| ▪ MS-SQL (Course completion certificate-Ramco Systems) | 2016 |
| ▪ Power-BI (Course completion certificate-Ramco Systems) | 2023 |

Extra-Curricular Achievements

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| ▪ Active participant in Public Speaking and group debates in my under-graduation. | 2016 |
| ▪ Participated in inter branch Table Tennis competition at NIT Agartala. | 2015 |
| ▪ Winner of JUNKYARD EVENT in ASIMO WEEK at NIT Agartala. | 2014 |
| ▪ Selected in All India wide competition for SAE-BAJA 2015 and cleared the virtual round. | 2013 |
| ▪ Participant in NSS-Camp. | 2012 |
| ▪ Winner of 100-meter dash in school. | 2009 |
| ▪ IELTS score 7/9 (Tests reading, writing, listening, and speaking skills). | 2018 |
| ▪ Active participant in Science Olympiads in class XI and XII. | 2011 |

Others

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| Interests | Sports (Tennis, Table Tennis, Badminton, Boxing) Exercise Meditation Swimming Cooking Drawing Reading |
| Skills | MS Excel MS Word Power Point |