Ahalya Mahabaleshwar Hegde

Senior Data Engineer

Banglore, Karnataka
Ph No: 9538501772
Email: ahalyahegdesdm@gmail.com

Summary

7 years of experience in software development on various enterprise applications using cutting edge technologies. ~3years of experience in data analytics. Well versed in various stages of the software development life cycle like designing, developing , testing, deploying and optimizing a large scale application.

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Skills

Tools & Technologies: Python, Pyspark, Advanced SQL, Cloud platforms like AWS, Google Cloud Platforms. Experienced in various data analytics tools like BigQuery, Dataflow, EMR, Excel, Azure Databricks, Snowflake.
Other : Lambda Functions, Step functions, S3 storage on AWS and

Cloud Functions, workflows, Dataflow, PubSub on Google Cloud.

Knowledge in Agile and Scrum, Data Structures, Unit Tests, ETL Processes. Enthusiast in Blockchain concepts.

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Experience

Citrix Systems
Senior Data Engineer
June 2022 - PRESENT, Bangalore, Karnataka, India

Projects:
Account Data Hierarchy : Built an in-house pipeline to enrich the account data for stewarding and territory assignment by replacing the legacy system that uses Informatica.
Role: Built enrichment modules for DnB, StrikeIron and Geocoding APIs. Written stored procedures for data filtering, deduplication and applying business rules.
Tools: Google cloud platform(Cloud functions, Cloud Tasks, Workflow, dataflows, Bigquery)

Data migration to warehouse: Pipeline to extract the DnB enriched data for each DUNS and migrate it from GCP Bigquery to common warehouse platform Snowflake and on-prem servers for all business use cases.
Role: Built the end to end pipeline for data migration
Tools: Azure Databricks, GCP, Snowflake, SQL server (on-prem DB server), Azure Data Factory

Trigent Software Pvt. Ltd (Deputed to Citrix Systems)

Senior Software Engineer
May 2020 - June 2022, Bangalore, Karnataka, India

Projects:

Lead scoring: Predicting potential customers by assigning the score to the leads through inhouse lead scoring algorithm.
Role: Developed the application for extracting the raw data, transforming it with various business rules and loading it to big data storage for further processing.
Technologies used: Python, SQL, Google Cloud platform - Bigquery, Google cloud storage, Cloud function, workflows. DnB APIs.

Marketo Activation: Identify the new leads and the product active usage records from various data sources and push it into Marketo to run effective campaigns.
Role: Developed ETL process for new leads and products using technologies like: Python, SQL, Google cloud platform - Dataflow, Bigquery, Cloud functions, SQL etc

Adoption Marketing Reporting: Pull the user data from Pendo, store it and load the data into a consumable format for the adoption marketing team to generate reports on it.
Role: Developed ETL process of pulling the latest Pendo data and storing it to desired location using the technologies like, AWS Lambda Functions, AWS Step functions and S3 storage, CloudWatch, Python, Pendo APIs

Hashfoundry Technologies Pvt Ltd / Senior Software Engineer

Aug 2015 - May 2020, Mysuru , Karnataka, India

Projects:

Taskera: It is aimed at providing an agile based solution to task management along with gamification. It is designed to dramatically increase employee engagement and improve productivity. It is a brand new way of working together
Role: Worked as a Fullstack developer handling both front end design, writing APIs for backend and DB management.

- Created REST APIs for backend services using Python and PHP

- Worked on task auto-scheduling algorithms for an agile environment..

- Built various reports and charts like Moving Average, Heat Map, Kanban

  Board, Pivot Tables, Agile Requirement Traceability Matrix for analytics

  visualization using jQuery and SVG.

Valleyspeak Softwares Pvt Ltd / Member Technical Staff - 1

June 2015 - Aug 2015, Mysuru, Karnataka, India

- As a fresher I was responsible for resolving various software issues.
- Created test cases for products and conducted testing using Tampermonkey

Valleyspeak Softwares Pvt Ltd / Software Engineering Intern

Jan 2015 - June 2015, Mysuru, Karnataka, India

- Created a single login mechanism to access multiple social media using its respective REST APIs, which is helpful for marketing purposes.

Education

Master of Computer Application, Visvesvaraya Technological University (VTU)

Aug 2012 - July 2015, Mysuru, Karnataka, India

Bachelor of Computer Applications, University of Mysore

July 2009 - June 2012, Mysuru, Karnataka, India

Other Info

Date of Birth   : 03/10/1991
Languages   : English , Kannada, Hindi, Konkani
Stackoverflow : https://stackoverflow.com/users/4286757/ahalya
LinkedIn   : https://www.linkedin.com/in/ahalyahegde/

Declaration

I hereby declare that all the information stated is true to the best of my knowledge.

Ahalya Hegde