Abhilash K R

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TECHNICAL SKILLS

Languages: Python, Java, SQL, JavaScript
Big Data Frameworks: Apache Kafka, Apache Beam, Apache Spark, Hadoop
Databases: Postgres, BigQuery, Amazon RedShift
Dashboarding: DataStudio, Grafana
Cloud Platforms: Google Cloud Platform (GCP), Amazon Web Services (AWS)
Deployment Tools: Docker, Kubernetes
Developer Tools: Git, VS Code, Jira, Confluence, Jupyter Notebook

EXPERIENCE (2.7 YEARS)

RAKUTEN   March 2019 – Present
Senior Software Engineer, Data Platform   *Bangalore, IN*

- **Competitive Intelligence Platform:**
  * Designed & Implemented real time product attribute enrichment pipeline processing millions of products per day using Kafka, Cloud Dataflow, Cloud Storage, BigQuery resulting in 18% increase in revenue
  * Designed & Implemented taxonomy categorisation pipeline processing millions of products per day using Kafka, Cloud Dataflow, BigQuery, DataStudio which improved product discovery
  * Developed dashboards for the reporting of quality and performance of the pipelines
  * Provided L3 level support for the pipelines in production

- **Crawler & Data Extraction Platform:**
  * Developed data extraction pipeline to extract data from millions of crawled html pages daily using PySpark, Amazon S3, Amazon EMR
  * Designed & Implemented configuration based data transformation pipeline using PySpark, Amazon S3, Amazon EMR
  * Provided L3 level support for the pipelines in production

TEXT MERCATO Pvt Ltd   August 2018 – March 2019
Data Engineer   *Bangalore, IN*

- Designed and developed data collection pipeline to crawl and extract data from fashion websites
- Trained and deployed machine learning models using google cloud vision for multi-label classification of fashion clothing

FASTENAL   Jan 2018 – May 2018
Software Engineering Intern   *Bangalore, IN*

- Developed Data Cleaning Pipeline processing gigabytes of data daily
- Implemented Daily Automated Report Generation using SQL

DISCOUNT SHOP   May 2017 – June 2017
Software Engineering Intern   *Bangalore, IN*

- Designed and developed end to end small scale crawler platform crawling 30-40 websites daily
- Developed ETL workflows for the extraction and transformation of the crawled data

EDUCATION

PES University   Bangalore, India
Bachelor of Engineering in Computer Science, GPA - 9.17   *July 2014 – June 2018*

PROJECTS

Covid-19 Data Analysis - Analysis of Covid-19 impact using pyspark, jupyter notebook
ESG Analysis - Built a dashboard to get the ESG ratings of companies using gdelt, pyspark and streamlit

HONORS & AWARDS

3 time SPOT Awardee in Rakuten for Outstanding Work, Weavy Collaboration Hack Winner, Sentient iHack Alpha - Top 8 finalist, Winner Rakathon - 3rd place, Winner Interapt Hacks - 3rd place