Abhilash K R

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EDUCATION

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

TECHNICAL SKILLS

Languages: Python, Java, SQL, JavaScript
Big Data Frameworks: Apache Kafka, Apache Beam, Apache Spark, Hadoop
Databases: Postgres, BigQuery, 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

EXPERIENCE (2.7 YEARS)

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

- **Competitive Intelligence Platform:**
  * Designed & Implemented complete end to end product attribute enrichment real time pipeline enriching millions of products per day using Kafka, Cloud Dataflow, Cloud Storage
  * Designed & Implemented complete end to end taxonomy categorisation pipeline millions of products per day using Kafka, Cloud Dataflow (java), BigQuery, DataStudio

- **Crawler & Data Extraction Platform:**
  * Added new features, optimizations & metrics to the data extraction pipeline to extract data from millions of crawled html pages using PySpark, Amazon S3, Amazon EMR
  * Designed & Implemented complete end to end configuration based data transformation pipeline using PySpark, Amazon S3, Amazon EMR

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

- Designed and developed data collection pipeline to crawl fashion websites
- Developed ETL pipelines to ingest the crawl data to data lake
- 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
- Implemented Daily Automated Report Generation using SQL
- Reduced Human Effort by 15%

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
- Developed REST API for the 3rd party services to consume the crawled data

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