

# Abhilash K R

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## EDUCATION

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### PES University

*Bachelor of Engineering in Computer Science, GPA - 9.17*

Bangalore, India

*July 2014 – June 2018*

## TECHNICAL SKILLS

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**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)

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### RAKUTEN

*Senior Software Engineer, Data Platform*

March 2019 – Present

*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

*Data Engineer*

August 2018 – March 2019

*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

*Software Engineering Intern*

Jan 2018 – May 2018

*Bangalore, IN*

- Developed Data Cleaning Pipeline processing gigabytes of data
- Implemented Daily Automated Report Generation using SQL
- Reduced Human Effort by 15%

### DISCOUNT SHOP

*Software Engineering Intern*

May 2017 – June 2017

*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

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3 time SPOT Awardee in Rakuten for Outstanding Work, [Weavy Collaboration Hack Winner](#), [Sentient iHack Alpha - Top 10 finalist](#), [Winner Rakathon - 3rd place](#)