

Rohith Reddy

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Education

2009 - 2015 M.Sc Physics, BITS Pilani University, Goa

Technical Skills

Languages: Python, Javascript, Java
Frameworks: Flask, Falcon, Pandas, Backbone.js, Airflow, Spring, Spark, Kafka, Chalice, Selenium, Dask
Databases: MySQL, PostgreSQL, MongoDB, Druid, DynamoDB, Redshift
Dev tools: Git, Nginx, Shell, IntelliJ, VS Code, Docker, AWS CDK
Hosting: AWS, GCP

Experience

Sep 2018 - Aug 2019 **Member of Technical Staff**, Sphota, Bangalore
Tech Stack Falcon, PostgreSQL, Python, PubSub, CloudFunctions, CloudScheduler, Vegeta
Product **Paid Search Platform** <https://sphota.biz>

- Developed high-performance ad trackers using Falcon, PubSub for multi-touch attribution modeling
- Designed and developed scalable processing pipeline based on Google Cloud Functions and Cloud Scheduler
- Built reporting system to help marketers gain insights on Ad Spends
- Made changes related to GDPR in internal data platform for Fortune 500 client

Jun 2017 - Apr 2018 **Data Engineer**, Niyo, Bangalore
Tech Stack Airflow, S3, Redshift, Metabase, Python, Pandas, Kafka, React.js, Spring, EC2
Product **Niyo Card Products** <https://www.goniyo.com>

- Built centralized data warehouse handling transactional data generated by 3 lakh users based on Redshift using ELT methodology
- Developed and curated business intelligence system on Metabase, trained internal users in using it, enabling our organization to be data-driven
- Created dashboards with 8-ball metrics for investors to gain insights on business contributing towards Series A funding of \$13.2 Million
- Implemented data quality checks leading to rectify bugs in partner's services causing erroneous transactions
- Automated sharing data with partners, various reports for invoicing and compliance using Airflow

Oct 2016 - Feb 2017 **Serverside IOT Engineer**, RedBlackTree, Chennai
Tech Stack Python, Druid, Pandas, MySQL, Flask, S3, Zookeeper, Vue.js, Kafka, Spark
Product **Predictive Maintenance Platform** <https://www.ascendo.ai>

- Mapped data from various customer sources including CRM, service history, knowledge base to metadata model
- Designed Druid based solution bringing down latency to under sub-second from usual timeouts in current system
- Created data pipeline to ingest data to Druid using S3, Pandas
- Designed and implemented restful APIs for consuming data from front-end using Flask

Jul 2015 - Aug 2016 **Software Engineer**, Customer Centria, Bangalore
Tech Stack Backbone.js, Nvd3.js, Crossfilter.js, Java, Spring, MongoDB, Python, Mesos, Kafka, PostgreSQL
Product **CC Engage Platform** <https://www.customercentria.com>

- Built dashboard for campaign analytics in Backbone.js Single Page App using Nvd3.js, Crossfilter.js
- Developed APIs using Spring to integrate the product with Facebook Ads Network
- Implemented module to pull tweets with interested keywords from twitter firehose and perform sentiment analysis