

UDAYKIRAN REDDY.T

Software Engineer

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EMPLOYMENT

Experience: 2.10 Years

Modak Analytics, Hyderabad – *Software Engineer*

FEB 2017 - Present

- Built **Data lake** on **Cloudera - Hadoop ecosystem** and **AWS**
- Ingested data from various **structured** sources (Relational data bases) and **Unstructured** sources
- Collaborated with Engineering team in **designing and developing open source projects**
 - [Kosh](#) - Metadata / MDM repository
 - [DataSpider](#) - Metadata crawler for both structured and unstructured sources
 - [BotWorks](#) – Distributed message driven workflow engine
- Automated the generation of **data ingestion** pipelines for [StreamSets](#) ETL tool
- Automated the data ingestion using the distributed message driven workflow framework [BotWorks](#).
- Collaborated with Engineering team to solve **unstructured - data ingestion problem** and increased the **efficiency of data ingestion by 75%** compared to competitor
- Developed **Semantic Text analysis** algorithm to tag annotations in a document.
- Installed and maintained tools **GitLab, JIRA, Confluence, Jenkins** on-premise using **docker**
- **Containerized microservices** for easier deployment and scalable of application.

ExpertScribe, Hyderabad – *Software Engineer*

JULY 2016 – FEB 2017

- Developed and maintained the product [ExpertScribe](#) (ExpertScribe – Co-writing online tool for Statement of purpose)
- Integrated [Instamojo](#) **payment gateway** using Instamojo's Java API for handling payment transactions for the product
- Implemented **encryption of passwords** in database
- **Automated e-mail alerts** up on Sign in, Sign up & service requests
- Developed **admin panel** for ExpertScribe in which several features were implemented which helps admin to get brief status of product and perform crucial operations

ACHIEVEMENTS

- Received “GSK - Global Employee Recognition Award” from GlaxoSmithKline client for the design and development of Kosh and Bots.
- Awarded “Orion Employee of the year” - 2017-2018
- Awarded “Best employee of the Quarter” - Q3 – 2018

SKILLS

- **Languages** : Java, Java script, HTML5, CSS3
- **Other technologies/services** : Apache Kafka, Hadoop, Docker, AWS, Azure, Solr, ElasticSearch, Zoomdata, StreamSets, Jenkins
- **Frameworks** : Spring, Hibernate, AngularJS
- **Databases** : Oracle, MySQL, PostgreSQL, Microsoft SQL Server, AWS Redshift, AWS Athena, Hive, Impala
- **Version Control** : SVN, Git
- **Knowledge on** : Kubernetes, Python, Node JS, Electron JS, DataBricks, Spark, MongoDB, Netflix Eureka, Netflix Zuul gateway

EDUCATION

- **Electronics and Communication Engineering** (2012-2016), CVR College of Engineering – JNTU, Hyderabad – B. Tech