UDAYKIRAN REDDY.T

Software Engineer

+91-8143718142 | [udaykiran.tippireddy@gmail.com](mailto:udaykiran.tippireddy@gmail.com)

[@udaykiranreddy0608](https://github.com/Udaykiranreddy0608)  [@Udaykiran Reddy Tippireddy](https://www.linkedin.com/in/udaykiran-reddy-tippireddy-865296104/)



**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](https://github.com/modakanalytics/kosh) - Metadata / MDM repository
  + [DataSpider](https://github.com/modakanalytics/dataspider) - Metadata crawler for both structured and unstructured sources
  + [BotWorks](https://github.com/modakanalytics/botworks) – Distributed message driven workflow engine
* Automated the generation of **data ingestion** pipelines for [StreamSets](https://streamsets.com/) ETL tool
* Automated the data ingestion using the distributed message driven workflow framework [BotWorks](https://github.com/modakanalytics/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**](http://www.expertscribe.com/) ([ExpertScribe – Co-writing online tool for Statement of purpose](http://www.expertscribe.com/))
* Integrated [**Instamojo**](https://www.instamojo.com/) **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