Tirupathi Rao Podugu

CONTACT

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WORK EXPERIENCE

Kony India Pvt Ltd   June 2019 — Present
Senior Software Development Engineer

Designed and implemented a procedure using Redis to eliminate duplicate messages during message processing.

Implemented insertion batching for MYSQL and MSSQL databases which improved the write performance by 3 times.

Worked with multiple teams to streamline the daily job for E2E testing decreasing manual engineering efforts.

Developed multiple Collector-Dispatcher tasks on Celery Framework to collect the data from various components across Kony and then process it. This work helped me gain good knowledge on off-line data processing.

Kony India Pvt Ltd   June 2016 — May 2018
Software Development Engineer

I have designed and implemented batching in the message processing system using amazon-S3-manifest-files and thus improving the processing by 5 times.

Upgraded Celery 3.1.25 to 4.1.0, Python 2.7 to 3.4 and Jasper Reports Server from 6.2.3 to 7.1 with zero regressions.

Owned the entire front-end codebase. Built complex reports on Jasper Reports server and developed complex charts like Funnel Report using native JavaScript and C3JS.

Developed an analytics app on the Kony platform which helps run the Fabric reports on mobile.

Kony India Pvt Ltd   Dec 2015 — May 2016
Associate Engineer

Built a test recorder that requires no human interaction for the apps which are built on the Kony Platform.

Worked on third party Analytics software - Jasper Reports Server

EDUCATION

B.Tech Computer Science   2012 — 2016
CVR college of engineering, Hyderabad

State Board of Intermediate Education, 12th Grade   2010 — 2012
Sri Chaitanya Junior college

State Board of Secondary Education,10th Grade   — 2010
Bhashyam Public School

SKILLS

Programming Languages: Python, C, Java, JavaScript, and AngularJS
Operating System: Windows, Linux
IDE: Pycharm, Eclipse, Intellij, Jasper Reports Studio
Frameworks: Celery
Testing Frameworks: jUnit, Mokito
Tools: AWS SQS, S3, Redshift, RDS, REDIS, Jasper Reports Server

Additional Skills: Data Structures, Algorithms, Design patterns, System Design and OOPS

ACHIEVEMENTS	Received "Individual excellence Award" for message processing performance improvements.
	Received multiple "Team Excellence Awards" with different teams and multiple "SPOT Awards" for my continuous contribution to the Metrics team.
	Secured first price in Kony Hackathon.
	Successfully qualified & completed the Mission R&D Course (http://missionrnd.com/).

CODING PROFILES	https://www.hackerrank.com/tirupathi_podugu
	https://www.interviewbit.com/profile/tirupathi__