Tirupathi Rao Podugu

CONTACT

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WORK
EXPERIENCE

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

Successfully designed and implemented a procedure using Redis in order to eliminate millions of duplicate messages in message processing.

For On-premise Kony Fabric, implemented insertion batching for MYSQL and MSSQL databases which resulted in 3X write performance improvements.

Streamlined the E2E testing process which runs daily by working with different teams to fix an existing issues across components.

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

Improved message processing speed up to 5X times by scaling the message processing system using amazon-S3-manifest-files in order to copy data from s3 to Redshift database.

Successfully upgraded the 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 up the entire front-end codebase and gained significant knowledge on the same. Built complex reports on Jasper Reports server and developed complex charts like Funnel Report which shows user journey in an app using native JavaScript and C3JS.

I have done major contribution in developing Analytics app on the Kony platform which helps in running the Fabric reports on mobile.

Kony India Pvt Ltd   Dec 2015 — May 2016
Associate Engineer

With a team of two we have built a test recorder that requires no human interaction for the apps which are built on the Kony Platform.

Work on third party Analytics software - Jasper Reports Server. I have attained good knowledge in creating reports, data sources and input controls.

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. and owning up the sign-offs for different configs in the recent releases.
	Received multiple "Team Excellence Awards" with different teams and multiple "SPOT Awards" for my continues contribution to the Metrics team.
	Secured the first price in Kony Hackathon.
	Successfully qualified for & completed Mission R&D Course(http://missionrnd.com/), founded by Srini Koppula and Perraju Bendapudi who did setup the Microsoft India Development Center in 1998.
CODING PROFILES	https://www.hackerrank.com/tirupathi_podugu https://www.interviewbit.com/profile/tirupathi__