

Chandrima Mridha

Organized and motivated employee able to apply time management and organizational skills in various environments.

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EXPERIENCE

Reliance Jio Infocomm Ltd, Navi Mumbai — Software Development Engineer

June 2018 - PRESENT

Built RESTful Performance management micro service that will create kpis and generate performance reports from UI for business team.

Developed Shell Scripts to ingest raw files from multiple(around 470 Ips)Enterprise Management System(EMS) to Jio Coverage Platform(JCP) edge nodes and store the raw files in the Hadoop File system(HDFS).

Created shell Scripts to maintain the audit for pulled files from EMS for different vendors and trigger spark jobs to process the raw files.

Developed Spark Jobs to Process and Analyze the raw files pulled from different EMS ,computation of various KPIs based on Time and geographical aggregation and store the computed KPIs in Oracle or HBase database based on requirements.

Created a module to create and schedule Performance reports , Exception reports and Ondemand reports of various R4g states and PanIndia wise based on different time aggregation for internal business teams.

Migration of various tools to Shell Script and optimization of existing functionality for comparatively better throughput.

Monitored and supported Performance Management module for JioJCP and proactively resolve many blocker defects.

EDUCATION

IIT Guwahati, Assam — B.Tech in Electronics and Communication Engineering

June 2014 - June 2018

PROJECTS

Development of Colorimeter | July 2017- May 2018

Colorimeter is a portable device to detect pesticides in food samples and contaminated water. The sensor responding signal circuit was designed with light emitting diodes, photo sensors , photo receivers and an integrating amplifying circuit.A relation was derived between voltage difference and corresponding quantity measures for different pesticides.

KEY SKILLS

Software Development
Requirement Gathering and Coordination
Unit testing
Agile Methodology
Code Optimization
Automation
REST APIs
Troubleshooting
Documentation

TECHNICAL SKILLS

Languages: java,Shell Script,C

OS: Windows,Linux

Software:Apache

DataBase:Oracle,Hbase

Others:Data Structure, Hadoop ,Spark

ADDITIONAL DETAILS

Languages:English,Hindi, Bengali

Mess Manager| Student's Council, IIT Guwahati (July 2016-2017).

Ranked among the 0.1% of students attended in

JEE-Advanced . 2014

Received for B.R.Ambedkar Medha Puraskar scholarship. 2012

Completed diploma course in painting from "Bangiya kala vidyalaya"(7th Year).

Completed diploma course Indian classical dance form Bharatnatyam from "pracheen kala kendra