

MOHAN KRISHNA PECHETTI

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OBJECTIVE

I am looking for a position where I can enhance and use my knowledge to serve the organization and evolve continuously through learning to enhance my skills.

EXPERIENCE

Lead Semantics, Hyderabad — *Software Engineer*

AUG 2018 - PRESENT

Improved application performance and reduced cost by converting applications into AWS.

Developed a new serverless model from server model which helped in increasing reliability.

Integrated databases and metadata model to improve application performance.

Lead Semantics, Hyderabad — *Internship*

JUNE 2018 - JULY 2018

I have done tasks on Javascript and Node js. Uploading csv and xls format files to Server using Sockets.

Developed SQL queries and visualization of data using D3js.

Worked as T.A with our college IT INFRA DEPARTMENT and also developed a website for an IT department.

SKILLS

Nodejs, Javascript, Python, AWS, Lua script, Java, C, HTML, CSS, Data Structures & Algorithms, MySQL, Exasol, Git.

EDUCATION

IIIT RGUKT, Kadapa — B.tech

AUG 2014 - APR 2018

Computer science and Engineering - 8.4 CGPA

IIIT RGUKT, Kadapa — PUC

AUG 2012 - APR 2014

MPC - 7.4 CGPA

Z.P.H SCHOOL, Battelanka

10TH - 9.5 CGPA

PROJECTS

Hiddime(product)

Hiddime is a browser based Cloud Data Discovery and Exploration tool for frontline Business Managers and Analysts without requiring any support from IT.

- Worked on enhancement, earlier our tool used to pull all measures whenever the user submitted categories and now it has been changed in such a way that the selected measures will only be fetched from the server instead of all measures.
- Worked on adding a new feature to our product which helps to integrate mysql, exasol and mssql databases into the uploading panel of our tool and we store only database table metadata as a dataset into our product.
- Worked on resolving the bugs and making our tool more effective.

Parkers BI Alert Management System

Team size : 2 versions released : 3

Generating alerts based on data from source Databases. Sending alerts to all departmental stores of client through email and text message using aws ses, sns services by pulling data from client stores database to destination database incrementally based on last modified timestamp.

- Kitchen not open alert: if kitchen not having any kitchen related items transactions within the first 30 minutes of kitchen open hour on the day then alert will be shared to respective store manager.
- Fountain drink alert: Hourly sales of Fountain drink is calculated and compared with last six weeks sales of the same hour to calculate mean and standard deviation as per client requirement and alert will be shared if there is any discrepancy in the sales.
- Fuel Delivery web Application : vendor submits the details regarding fuel in an application developed by our team. After completion of the fuel process we have developed an alert that carries the information about proper filling of the fuel in the tabular format along with a photo.

Parkers Loomis Transactions

Team size : 1 versions released : 2

We are using API Gateway for the backend REST API. Each end point is configured to invoke an AWS Lambda function to process each request to write into the s3 bucket and push into SQS. After, we use SQS to get requests and parse JSON data and store them into a database as client requirement and send daily reports as attachments using AWS SES.

Parkers Invoices Textract

Team size : 3 versions released : 3

Clients upload invoices into googleDrive, on a daily basis we will copy to s3 bucket. After, we use lambda and SQS services to design the pipeline to process each invoice. Here we are using Amazon Textract service to extract information from invoices and identify vendor names, after we use vendor configs to get required bill details.