Kiran Gowda N

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SKILLS

PROGRAMMING
• Python • Javascript • Golang

FRAMEWORKS
• React.js • Python-FastAPI
• gRPC • REST • Cypress

BIG DATA
•Databricks • PySpark • Hadoop
•Cassandra • Hive•Kafka

TOOLS
•Airflow•Kubernetes(GKE)
•Docker•Git•Jenkins•Jira

DATABASES
•MySQL•PostgreSQL•MongoDB

LINKS

LeetCode://**Kiran-Gowda-N/**
Github:// **kiru134**
LinkedIn:// **kiran-gowda-n**

EDUCATION

Ambedkar Institute of Technology
Eng-Electronics and Communication
Grade:**9.2**/10
Aug-2017 - July 2021

KLE Independent PU College
INTERMEDIATE
90.83%
April 2015-June 2017

Max Muller High School
MATRICULATION
89.92%

PUBLICATIONS

[1] KiranGowdaN. Front desk humanoid officer using cnn algorithm. *International Journal for Research in Applied Science Engineering Technology, PaperID= IJRASET37247*, 2021.

CERTIFICATION

BigData TrendyTech Online Program

PROFILE SUMMARY

Software Engineer with **2 years** of experience in **Full Stack development**.Skilled in developing **interactive Websites** using React.js framework, developing **microservices** using **Python FastAPI**, **Go**, deploying the applications in **Google Kubernetes Engine** and also have experience with various **Big Data technologies** such as **PySpark**, **Kafka**, Spark-Streaming, AWS Databricks, configuring workflows using **Airflow** and deploying data solutions using **AWS(EMR,Redshift,S3,Athena)**.

EXPERIENCE

LTIMINDTREE | Software Engineer

PROJECT- 2   Cloud as a Service -Jan 2023 - Present | Bangalore, KA

- Contributed towards **Multi-Region Deployment and Disaster Control** feature along with regulating background jobs.
- Developed **bridge APIs** to connect multiple microservices.
- Developed an algorithm to deploy towards the nearest node.
- Increased the throughput of the services by more than **50%** and reduced API response time by **60%** .
- Configured **Kafka** Producers and consumer groups to serve the events to relevant microservices.
- Stack:**Python-FastAPI, MVC Design, Redis,Docker,React.js,HTML5,CSS3**

PROJECT- 1   DDM One Run -Feb 2022 -Nov 2022 | Bangalore, KA

- Developed performant **ETL pipelines** using **PySpark** on **AWS Databricks** and scheduled pipelines using **Airflow**.
- Worked on Migrating the data models from Informatica to **Databricks**.Addressed the **Production issues** and releases.

PERSONAL PROJECTS

INSTASOCIAL | REACT js, Redux, React-MUI, Python-FastAPI, SQLAlchemy,PostgreSQL

- A **Social Media Platform** provides Photo sharing service as **Posts**, users can follow each other, **comment** on Posts and communicate with each other in real-time using **messaging** service, Implemented Authentication using **oAuth2** with Password,hashing,Bearer with **JWT Tokens**.
- Built Front-End with **React js**,used **Redux** architecture for global state management. Developed **Backend** middleware using **Python FastAPI** and **PostgreSQL database**.
  Web App-**HOSTED HERE|GITHUB**
  FastAPI-**HOSTED HERE|GITHUB**

GO-MICRONET |Golang,gRPC,RabbitMQ, Docker-Swarm, MongoDB

- Built a scalable resilient distributed **microservices** application in **Golang**
- Streamed messages between the microservices using **gRPC** and **RPC** protocols and leveraged **AMQP-RabbitMQ** for forwarding the client request to other microservices.|**GITHUB**

CREDIT CARD TRANSACTION AND FRAUD DETECTION | AWS, Cloudera, Kafka, Hive, HBase, Sqoop, PySpark, Airflow

- A **Realtime Credit card fraud transaction** system to detect fraudulent transactions and to notify the customer
- Used **Big Data technologies** to compute customer's details and to detect fraudulent transactions