

SHAIK ASRA

Full Stack Developer

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Hyderabad, India

SUMMARY

I have been working with full stack development since 2018 which includes designing data science work bench to analyzing DAG to optimize spark jobs . I am a self-motivated and self-taught professional who likes to solve problems.

I merge a passion for usability and user experience with technical knowledge to create cool digital experiences. My work experience includes programming languages and technologies such as Docker, Kubernetes, Helm chart, Apache spark, Hadoop, JWT token based SSO authentication and more. I worked on distributed cloud environment i.e. Azure, VCloud

EXPERIENCE

Associate Software Engineer

Opentext Technologies

2019 - Ongoing Hyderabad, India

As a developer, my goal is to actively involve in understanding the data science functionalities and work on designing and developing the data science workbench which helps in deploying the models to the Kubernetes server using seldon deployment. The main focus is to understand the use-case, find solutions and actively involve in the developing the same.

- Knowledge on ML model seldon deployment in k8s environment through MLFlow
- Worked on distributed environment(v-cloud) setup for Cloudera, HDP and Mapr cluster
- Experienced with complex distributed client/server environment using spring boot and Jupyter notebook workbench
- Hands-on in OAuth2 JWT token usage for SSO authentication
- Implementation on docker and helm for data lake security
- Setting up the cluster for Kubernetes and Helm
- Worked on HDFS ACL Access control list)
- Worked on enabling HTTPS security by Self-signed certificate and LDAP authentication for sentry/ranger and applying security policy for hive data access through spark
- Improved the performance by 5X using spark properties and DAG analysis

Engineering Intern

OpenText Technologies

08/2018 - 04/2019 Hyderabad, India

- Involved in designing forms and specifying rules for the same
- Implemented Rest client calls for getting access/refresh token and consuming the microservices
- Hands-on in test automation using CodeUI in C#

EDUCATION

B-Tech

VNR VJIE

06/2015 - 06/2019

GPA

9.2 / 10

Intermediate

Sri Chaitanya junior college

05/2013 - 05/2015

GPA

979 / 1000

SSC

CMR Model High School

05/2012 - 05/2013

GPA

9.7 / 10

SKILLS

Languages

C C++ Java Python

FrontEnd

HTML CSS JavaScript JQuery

DataBase

PostgreSQL

Distributed Environment

Docker Kubernetes Helm Chart

Virtual cloud Azure cloud storage

Big Data Technologies

Cloudera Mapr HDP

Apache Spark

EXPERIENCE

Mentorship

MRoads

📅 11/2017 - 03/2018 📍 Hyderabad, India

- Hands-on in theoretical and practical implementation of ML concepts (Regression, Classification, Clustering techniques)
- Worked on image processing techniques (Handwritten digit recognition, Face recognition) and NLP operations (sentimental analysis, movie rating, sentence segmentation, accessing and sending mails, resume parsing)

TRAININGS & ACHIEVEMENTS

Bootcamp on OAuth2 JWT, opentext-20

Understanding the concept of token based SSO authentication

C# Training, opentext-18

Basic understanding on C# language

We Aim High Award

Awarded twice by manager for the best performance in the team

We, Not I

Received by the teammates for being supportive and helpful.

SKILLS

Security

JWT token

SSO authentication

LDAP authentication

Self Signed SSL

Frameworks & other technologies

Spring boot

Angular

Rest API

Confluence

SVN