



AMOL SAINI

SOFTWARE ENGINEER II

SUMMARY

Hard-working software developer with a flair for creating elegant solutions in the least amount of time. Passionate about software architecture and cloud computing. One Stop Solution for all the technical needs.

EDUCATION

AKGEC, Ghaziabad

B.tech (CSE), Year: 2017 - 21

Percentage : 79.1%

D.A.V Public School, Kotdwar

10+2 , Science, YoC: 2017

Percentage : 81.60%

SKILLS

Algorithm	●	●	●	●	●
Core Java	●	●	●	●	●
Spring boot	●	●	●	●	●
Node.js	●	●	●	●	●
Docker	●	●	●	●	●
Kubernetes	●	●	●	●	●
React.js	●	●	●	●	●
AWS	●	●	●	●	●
SQL	●	●	●	●	●
Python	●	●	●	●	●
Databricks	●	●	●	●	●

EXPERIENCE

Software Engineer - II

HashedIn By Deloitte | July 2021 - Present

- Working as a part of a team which is building an Advanced Data Science Workbench (ADSW) for deploying machine learning models.
- Managing Infrastructure Automation Scripts to Install Kubeflow Open Source Platform in an AWS K8s Cluster with client specific needs.
- Worked on ArgoCD to implement GitOps for the Kustomize Scripts and integrated AWS Secret Manager with ArgoCD for Data Hiding.
- Implemented Kubeflow-Grafana Sync Component with the Selenium Automation test for better observability in ADSW.
- Created IAC terraform scripts to spin up an AWS EKS Cluster and resource needed for installing ADSW.
- Managing Sandbox, QA, and Development Environments for ADSW.
- Implemented Concourse CI for Docker Builds.
- Worked on integration of Docker Private Repository (JFrog) with Kubernetes Cluster.
- Contributed to Argo workflow and AWS controller for k8s open source community on github.
- Being part of platform team helped towards onboarding and training for Data Scientist which would be leveraging ADSW.
- Implemented Autoscaler for Kubeflow Inference Service to provide a scalable platform based on demand.

Associate Software Engineer

MAQ Software | March 2021 - July 2021

- Learned SSMS, SSAS and SSIS for data modeling.
- Migrated and on prem system to Azure cloud service.
- Performed ETL on Azure Data Bricks.
- Coordinated with Data Onboarding team to onboard data in Azure Data lake using Azure Data Factory.
- Created Power BI report end to end.

Node.Js Developer

Vasitum Inc. | July 2020 - October 2020

- Worked on Product Analysis Tool for Vasitum.com platform
- The work involved using MongoDB aggregation framework to pull data insights.
- Integrated Sendy (Digital Marketing tool) via cron jobs.
- Coordinated with third party vendor for building a robust solution.

PERSONAL PROJECTS

Smart Stocks

Product Month, HashedIn | Aug 2021 – Sept 2021

- Worked as a part of 4 membered team. Created product which gives insights and recommendation about stocks to invest in.
- Been a Team Leader and Full stack Developer. Wrote Python Cron jobs and flask APIs to import data from grow and yahoo finance.
- Coordinated with UX/UI designer to create mock design.
- Stood in top 10 among 23 products in product month during training.

Pariksha

Hashathon 7.0, HashedIn | Oct 2021

- Created Pariksha Quiz Portal in Hashathon 7.0, an Internal Hackathon organized by HashedIn.
- The tech stack involved React, Express, and MongoDB. Also used Material UI and MongoDB Aggregation framework.

ACHIEVEMENTS

SPOT Award , May 2022

2nd Runner up, Hashathon 7.0 , Oct 2021

HOW TO CONTACT ME

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LINKS

[Github](#) [Linkedin](#) [Leetcode](#)