Sanskar Gupta

+46767456961 | sanskar@kth.se | snskr95@gmail.com | linkedin.com/in/sanskar | github.com/Sanskar95

Education

KTH Royal Institute of Technology — Stockholm, Sweden
Masters, Software Engineering of Distributed Systems, CGPA: 4,85/5,00 — *Aug. 2020 – Present*

National Institute of Technology Warangal — India
Bachelors of Technology, Electrical and Electronics Engineering, CGPA: 7.55/10 — *Aug. 2013 – April 2017*

Experience

Research Intern — July 2021 – September 2021
Research Institutes of Sweden — *Stockholm, Sweden*
- Metrics library integration for ARCON which is a real time data processing engine written in Rust.
- Metrics Dashboard UI for ARCON metrics, operators and node monitoring

Full Stack Developer — January 2021 – May 2021
Cribly AB — *Stockholm, Sweden*
- Working on the core Cribly platform that facilitates an user to swap rental leases without hassle.
- Set up the CI/CD pipeline for the Express and Vue app using github actions.

Web Developer — January 2021 – June 2021
KTH FoodTech — *Stockholm, Sweden*
- Working on the main website showcasing the organisation.
- Creator of KTH FoodTech digital fair platform 2021.

Engineer — July 2017 – August 2020
Target Corporation — *Bangalore, India*
- Did data migration from db2 to postgres, developed a bunch of API's to house merchandising related attributes
- Contributed towards the forecasting component of assortment planning both in UI and backend
- Worked on the preseason planning of items component of Unit Financial Planning which involved building of middleware systems through message queues and some frontend work
- Worked on project(Assortment planning dashboard) to give last year items insights in comparison to current year items. Worked on react migration from angular, maintaining of elastic search clusters, backend enhancements
- Worked on a one stop enterprise wide data source of truth for multiple teams. Worked on react app, some backend enhancements on onboarding of new data sources to elastic clusters

Intern — August 2017 – September 2017
Indian Institute of Management Lucknow, India
- Learnt the concepts of data analytics,statistics and econometrics Successfully solved Harvard business school cases and developed a capstone project in R

Projects

KTH FoodTech Digital Fair 2021 | *SpringBoot, React* — github.com/Sanskar95/kthFoodTech-digitaFair
∗ A Gamified Platform concerning the issues within the foodtech industry. It involves online workshop, panel discussions, and team competitions for problem solving in the fair.

Collabere | *Django, React, Postgres* — github.com/collabere/collabere
∗ A platform which puts together Instagram influencers and clients which are seeking to promote their brands.This shows client metrics generated from email conversations

Art Generation System | *Tensorflow(python), React-Native* — github.com/Sanskar95/ArtGeneration
∗ Made a basic app to generate style images from ordinary images using paintings .This was based on the concept of neural art style transfer

Mapapp | *Quarkus, React* — github.com/Sanskar95/mapapp
∗ After a successful login via the Keycloak application, his/her inputs are sent to the microservice visited-places which stores it in a PostgreSQL database. The user can then request to see his/her places on a map. The places would be enriched with the actual coordinates by the microservice coordinate-finder. The frontend then displays these places with markers whose size depend on the duration the user stayed over there

Certifications

BIG DATA FOUNDATIONS NANODEGREE | *Udacity* Certificate Link

· Nanodegree course by Cloudera guys in association with Udacity. Course did not mandate any programming language for writing Hadoop MapReduce jobs, but mainly used / taught Hadoop MapReduce jobs using Python (with Hadoop Streaming approach for running jobs) during the course.

DEEP LEARNING SPECIALIZATION | *Coursera* Certificate Link

· Successfully completed the bunch of 5 courses under this specialization which included Convolutional networks, RNNs, LSTM, Adam, Dropout, BatchNorm, Xavier/He initialization, and more.

Technical Skills

Languages: Java, Python, Rust, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R, Camel, Scala
Backend Frameworks: SpringBoot, Quarkus, Django, Flask, ExpressJs
Frontend Frameworks: ReactJs, React-Native, VueJs
Developer Tools: Git, CircleCI
Infra: Kubernetes, MongoDB,ELK Stack, Kafka, Docker

Open Source Contributions

https://github.com/mui-org/material-ui/pull/22021
https://github.com/covid19india/covid19india-react/pull/891
https://github.com/sastix/cms/pull/10

Open Source Packages

npmjs/react-site-announcement
npmjs/simple-toast-notification