**SAURAV S**

**PROFILE**

To enhance the performance of the company for better output through organized and progressive ways with my sincerity ,hardwork and engineering skills with having good problem solving skills

**EDUCATION**

* **B.Tech** **Computer Science and Engineering**

**CGPA – 8.89 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 87% **2019**

Institution: Kendriya Vidyalaya

* **Class 10** – 87% **2017**

Institution: Kendriya Vidyalaya

**PROJECTS**

**Civitas - Community Service App**

Designed and built an cross-platform app that can assist general community service requirements like booking complaints, garbage collection, parking manager and neighbor connect along with added chat-bot features to assist in natural query helping. The app was built using Futter, Dialogflow, Weather and News API.

**Product Recommender System by Natural Language Processing**

Developed a system that can utilise user feedback and reviews of products in a store using NLP to process the input, incorporate data collection, processing, and build a machine learning model in Python to produce a recommender system that can provide product recommendations according to the customers taste

**ProjectEye**

Designed and deployed a full-fledged window stand-alone application and a web app to facilitate a user-friendly end-user medical image collection, censoring, editing, annotating experience and a customized storage framework in accordance to client requirements in native performance with the aim of building ML models. Details of projects and performance is limited due to the sensitive nature of the work.

**Automated Elective Management System**

Built an application that allocates elective preference of students on a first come first serve basis automatically built using Flutter, NodeJS Express and MongoDB and deployed in Docker containers.

The project follows practices of AGILE software engineering approach with project tracking and management in JIRA and GitHub.

**TECHNICAL SKILLS**

PYTHON, C++, GO, SCALA, DART, C, JAVA, GCP COMPUTER ENGINE, AZURE ML NOTEBOOK, DOCKER ENGINE, KUBERNETES, K3S, MONGODB, MYSQL, REDIS, ORACLE SQL, CNN, TRANSFER LEARNING, RNN, BILSTM, ATTENTION, NODEJS, FLUTTER, POSTMAN, COMPASS, FLASK, DJANGO.

**INTERNSHIP**

**DEVOPS INTERN**, ZSCALER

Wrote cron jobs to perform large scale log extraction of useful insights from semi structured VCS commits and developed algorithms to process and evaluate the extracted data.

Applied statistical analysis on the data using Numpy and NLP and structured it for archival storage and management.

Built back-end services and REST Endpoints for data querying, organization, pre-processing and retrieval.

Configured a continuous monitoring panel for the dashboard and hosted it with a private DNS used throughout the management for insight

Tech Used : Python Flask, Redis, Docker, Grafana