Mavani Shrey

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EDUCATION

DAIICT

Dhirubhai Ambani Institute of Information and Communication Technology
BTech in ICT

Expected Grad : May 2023 | Gandhinagar,India
Cum. GPA: 8.3 / 10.0

LINKS

LinkedIn: Mavani_Shrey
CodeChef: positive01

COURSEWORK

Programming
Data Structure and Algorithms
Object-Oriented Programming
Operating Systems
Database Management System
Cloud Computing
NoSQL

SKILLS

PROGRAMMING

C, C++, Java, Python(Basic), Shell Script, JavaScript

TOOL AND TECHNOLOGIES

Docker, Docker Containers, Kubernetes, Nginx, Apache Nifi/Minifi, Akka (Java), Websocket(Springboot), REST API(Springboot), gRPC(java), Long Polling(Springboot), PostMan, HTML, CSS, AWS SNS, Redis, React, Junit Testing, SpringBoot Testing, Redux, NodeJs, ExpressJs, MongoDB, Postgresql, Custom Processor(in nifi/minifi Java), Cloudera EFM, SpringBoot(Basic), Git, GitHub

HOBBIES

Inquisitive, Chess, Logical Reasoning, Football, Problem Solving, Badminton, Competitive Coding

LEADERSHIP ROLE

Core Member of Sports Committee 2020-2022

Co-ordinator at IFest-19 and IFest-20 (Tech Fest)

EXPERIENCE

CLOUDERA, INC. | Winter Intern

Jan 2023 - Present | Koramangala, Bangalore

- This project involves redesigning the architecture of a telemetry Publisher system and implementing it on Kubernetes. A proof of concept (POC) will be developed to explore the feasibility of these technologies. The project also includes introducing a new feature to stream live datadogs from customer premises and displaying them through a user interface (UI). The goal is to improve system efficiency, scalability, and provide real-time insights to users.

DA-IICT | Summer Research Intern

Jun 2022 - Aug 2022 | Gandhinagar, India

- As part of our DevOps journey,our final task was to delve into MLOps.During this phase, we focused on familiarizing ourselves with cutting-edge technologies such as Azure cloud, GitHub, GitLab, and CI/CD pipelining. We dedicated our time to learning and exploring these tools, aiming to enhance our knowledge and proficiency in the field of machine learning operations.

PROJECTS

REIMPLEMENTING THE TELEMETRY PUBLISHER AND INTEGRATING IT WITH CEM (CLOUDERA EDGE DATA MANAGEMENT

Jan 2023 - Present | Kormangala,Bangalore

- The objective of this project is to revamp the architecture of a telemetry Publisher system and deploy it on Kubernetes. A proof of concept (POC) will be created to assess the viability of these technologies. Additionally, a new functionality will be implemented to stream live datadogs from customer premises, which will be visualized through a user interface (UI). The overall aim is to enhance system efficiency, scalability, and offer real-time insights to users

  Technologies : Apache NiFi/MiNiFi, Akka, Nginx(Ingress and Load Balancer), Docker, k8s, WebSocket, gRPC, Redis, AWS SNS, Cloudera EFM, SpringBoot, Custom Processor

MERN STACK APPLICATION

Mar 2023 - May 2023

- The MERN Stack Social Media Platform is a web application that allows users to register, log in, and create posts with optional images. Users can also edit and delete their own posts, like and comment on posts, and view other users' profiles. The application is built using React.js for the front-end, Node.js and Express.js for the back-end, and MongoDB for the database. It provides a responsive user interface and ensures secure user authentication and data storage.

VACCINATION DRIVE MANAGEMENT SYSTEM

Sep 2022 - Dec 2022 | Gandhinagar, India

- This was a team project. We had done the SRS, Noun Analysis, E-R Diagram, Relational Diagram, Normalization and finally, implemented in pgAdmin.

- Every part was equally contributed by each member.