Akansha Rai

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ABOUT ME

Enthusiastic Software Engineer eager to contribute to team success through hard work, attention to detail, and excellent organizational skills. Motivation to learn, grow and excel.

TECHNICAL SKILL

- c++
- Java
- Python
- MongoDB
- Data Structure Algorithm
- Database Management System
- SQL(Oracle)
- Operating System
- Computer Network

EDUCATION

Bachelor of Engineering in Information Technology - CGPA 9.2
Mumbai University | 2019- 2023 |
Date - 2019-2023

Higher Secondary Certificate [HSC]
Percentage - 69.20%
Date - 2017-2019

Secondary School Certificate [SSC]
Percentage - 86.20%
Date - 2017

LINKS

- HackerRank
- Geeksforgeeks
- Leetcode
- Codechef
- Linkedin
- Github

ACCOMPLISHMENTS

- Placement Secretary - Placement committee, Shree L.R Tiwari College of Engineering.
- Member-Codeyantra (Coding Programming committee).

EXPERIENCE

Karza Technologies Private Limited - PRODUCT OPERATIONS ENGINEER(Intern)
22/11/2022
Technologies used: Python, MongoDB, AWS
- Write reusable, testable, and efficient code.
- Engage with cross-functional teams like product development, project management, Quality assurance, client success etc to improve the whole lifecycle of services from inception and design, through deployment, operation and maintenance
- Support clients for pre-deployment activities of product integrations, consulting on Karza products and launch planning.
- Maintain the products and services once they are live for the entire Karza clientele by prompt incident closure through issue analysis and resolution within the specified SLAs.
- Build automated solutions for monitoring product health, operational efficiency and performance/latency.
- Oracle Database used to maintain Records.
- Continuously provide feedback to product development teams on improvement and operational gaps
- Maintain proactive communication with clients, BD/CS teams and product development teams
- Work with the product team to build innovative, robust, and easy-to-use features

PERSONAL PROJECTS

Retail Store Analytics Using Facial Detection | Machine Learning | Python | SQL
- In the current information era, customer analytics plays a key role in the success of any business.
- Analysis of the customer demographics such as age and gender in addition to the sentiment a customer experience plays a significant role in the sales and operations.
- In this project a proposed deep learning-based framework is used to identify the age, gender, and emotions of the customers from surveillance videos.
- It is designed to get and store the detected data in the database.

Event Management System | Python
- Event management system project also keeps track of the number of participants in the event and their registration accordingly.
- It is a remarkable application that can efficiently manage an event, store, and process necessary information related to the event, and uses this information for future events.
- This application provides a management system for the events in which it keeps records of people registered, as well as the record of cost in the event, can be maintained.
- It also keeps a record of activities that will take place in the event.

Placement Master | Java, API Based
- This project was developed to help the TPO Office to manage placement-related activities.
- It is designed to send emails by implementing JavaMail API and Java Activation Framework(JAF).
- Simple message Sending is implemented using FAST2SMS (SMS Gateway).
- It provided an option for student registration, placement updates,& record entry.
- It allowed the admin to create, read, update & delete records.

Gesture Control Laptop | IOT System
- Key Points:
- Designed a gesture-controlled device using Arduino UNO compatible with windows.
- It detects hand motion and transmits information to the computer. Virtual keystrokes for processing are generated using the python library.
- Different operations performed by the system are changing tabs, creating new tabs, scroll up & down the browser tabs.