RESUME

Aditya kumar

Software Engineer

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PROFESSIONAL SUMMARY

I am a Software Engineer with working experience in developing, testing and maintaining software applications and systems. I have a strong technical background in C++, Java and Python, and have worked on multiple projects with a variety of technologies. My biggest achievements include developing a program that increased the efficiency of the customer service process by 30%, reducing the time needed to complete tasks by 50%. Furthermore, I have created data models and algorithms that increased the accuracy of customer segmentation by 25%.

My skills include excellent problem-solving abilities, excellent communication and interpersonal skills, strong analytical abilities, and an ability to quickly learn new technologies. I am also highly organized and have great attention to detail. My other qualities include a positive attitude, self-motivation, enthusiasm for learning and a desire to constantly improve my knowledge.

EDUCATION

B-Tech

SIKIIM MANIPAL INSTITUTE OF TECHNOLOGY, India, Majhitar , Sikkim

2015 - 2021

SKILLS

- Data Structures
- Java
- C/C++
- Agile/Scrum Methodologies
- SQL
- Object-Oriented Programming
- Algorithms
- Software Development Lifecycle
- JavaScript
- Debugging
- Data warehousing and data mining

PROJECTS MADE

Movie recommendation system using react.js

- Movie recommendation system based on users previous Data i.e likes and dislikes and suggesting upcoming releases based on user's choices (using react.js).
- ReactJS - The web framework used

- Context API - responsible for global state management
- SWR - responsible for data fetching with Axios
- Styled Components - responsible for design and styling the web application
- Framer Motion - Used in the animations
- MovieDB - the API used for the project
- **Features** :
- Home Page (is user !authorised)
- Signin/Signup Page
- SignInForm / SignUpForm
- Browse Page
- Navbar
- Showcase
- Trendings
- MoviesSuggestion

Major project

- Associate Rule mining on Web Server logs using Improvised Apriori Algorithm.(Major project) (PYTHON3.8.8,Spyder IDE,conda package manager)

The proposed algorithm combines traditional Apriori algorithm with Genetic algorithm to prevent the overhead that Apriori faces from scanning the data repeatedly during candidate itemset generation.

Appropriate fitness function has to be designed and the algorithm will use genetic operators to replace the candidate set generation in Apriori and directly generate association rules.