MELAM JAI BALA SRUJAN

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EXPERIENCE (Total IT experience - 1.7 years and 1 year experience as a Full Stack Developer)

AutomationEdge

-Full Stack Java Developer(Jan 2022 - present)

(Robotic process Automation as a Service company)

- Worked on frameworks like Angular 13, SpringBoot and SpringMVC5.
- Developed and Designed the RESTFul APIS which perform create, read, update and delete operations using spring framework.
- Generating a unique string to identify what operations are performed by the user in the application which remains constant for the whole request/response cycle of the operation using popular logging mechanisms like log4j2 and slf4j.
- Tracking each and every activity of the user with the details like timestamp, unique operation id and type of operation in a separate logger file using the file appenders and roll file appenders.
- Integrated API's along with UI Screens using Rxjs and Routing between components in Angular. Refactored the entire filter based logics, validations in Form Group for better User Experience.
- Developed an end to end crud application using angular for front-end and springboot for backend storing the data in a mysql database.
- Introduced an responsive loading screen whenever there is a delay in rendering the data into the UI which is needed to be retrieved from the database.
- Introduced the pie-chart, line-chart and bar-graph representations of the flow of the users interaction with the applications which significantly helped to analyse the issues in the application.
- Implemented confirmation pop-ups and notification pop ups where ever it is necessary in the application.
- Explored several logging enhancements techniques to improve the performance of the application like logback,log4j,papertrail and combinations with a facade library.
- Implemented sort and filter operations with a loading screen whenever there is a delay from the backend to retrieve the
 data.

PROJECTS

Employee DashBoard Application

(using Angular, springboot, mysql)

- An office management application of the employees in which employee registers into the application using only the company domain.
- A complete crud application in which the employee can edit his details and update at any time and each and every operation
 performed is tracked and appended into a logger file.
- Application is used to handle the employees data in an organisation or a company.

User login, RESTAPI and Logging web app

(using SpringMVC5 and testing apis with postman)

- An end-to-end application for collecting the data and storing it in the List where we can perform all CRUD operations
 using the RESTAPI calls
- Logging each request with a UUID for each req/response cycle into a separate file and even in console. Tech stack used is springmvc5.

Automatic Question Answering System using NLP

- Data Preprocessing, Tokenization, BagofWords Model, CosineSimilarity between questions and Answers for Answer Extraction is followed in this NLP project without using any libraries.
- A best suited answer was given by the system from a pre-defined data-set of Q&A of a domain where the user enters his own question and finally gets the best suited answer. ArrayList and implemented several oops techniques.

S.B.A

- · A Bank System, which maintains the details of individual customers.
- Both admin and user login. Where admin manages customer accounts like creating, modifying, Searching the customer with
 account number and balance enquiry etc.customer can deposit, withdraw and transfer from one account to
 another. Complete JAVA based application data is stored in

SKILLS

Languages : Core Java, Python C++, C, Javascript, Sql

Frontend-Skills : HTML, CSS, Javascript, React, Redux, Angular, JQuery, BootStrap5
Backend-Skills : SpringBoot, SpringMVC5, RESTFramework, NodeJS, Express.

AI/ML : Machine Learning, Deep Learning, Natural Language Processing, Reinforcement Learning
Technical-skills/Tools : Problem Solving(solved 295+ on LeetCode), Git, Data Structures, Algorithm Analysis

Databases : MYSQL, MongoDB

EDUCATION

B.Tech computer science and engineering graduate from I.I.I.T sricity.

completed courses like object-oriented programming, full stack development, machine learning, database

management systems.

B. Tech. (CSE)		Present	Indian Institute of Information Technology, Sri City	7.83 / 10.0
Class	XII	2019	Sasi Junior College, Velivennu, W.G.Dist	97.3%
(Intermediate)				
Class X (SSC)		2017	Sasi E.M High School, Velivennu, W.G.Dist	9.8 / 10.0