NILESH ASHOK KADAM

Software Engineer
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SUMMARY

Full-stack software engineer with 3.8 years of experience. Well versed in technologies like Core Java (**Multithreading, Concurrency, Exception Handling, File handling, Java collections**), Spring Boot Micro service, Angular 6+, HTML5, CSS3 and JavaScript. Keen on working with companies with cutting edge tech stack.

PROFESSIONAL EXPERIENCE

Software Engineer
CRISIL Limited

📅 05/2018 - Ongoing 📍 Powai, Mumbai

Project: **Model Risk Management and Inventory Management**
Model Infinity is a comprehensive model inventory, record-keeping, lifecycle management, and governance platform built to support the Model Risk Management (MRM), Model Development, Model Validation, and Audit teams of financial institutions to organize their MRM and model lifecycle activity.
The platform aims to break the reliance on offline, non-interconnected, and Excel-based systems, and create a central portal for all information pertaining to models within the firm.
For ex. One customized version of the model includes work such as dashboards, inventory, workflows, reporting, and risk scoring features customized as per the client's specifications.

Responsibility :

- Developed 'Add Model' module where user can create, add, update model using Angular, Java, Spring Web
- Developed 'Parameter Maintenance' functionality where user can maintain their drop-down, radio button values dynamically
- Developed user maintenance module using Angular and Spring Web, Java, JDBC template
- Developed validation workflow using Spring Boot and Flowable
- Implemented a File Uploading micro-service to upload file in our local drive, AWS, SharePoint
- Created an email notification micro-service using AWS SDK and SMTP Protocol.
- Developed a Search functionality using Apache Solr indexing and searching technique where user can search any data on database as well data which is present in files.
- Created a spring Boot micro-service for Quartz job scheduling, this include daily, weekly, monthly jobs and email triggers.
- Worked with Apache POI for Exporting Excel and Word documents
- Implement queue functionality with data base for finding related model.

TECHNICALSKILLS

Core Java	Spring Boot	Spring MVC
REST Services	Flowable	Angular 6+
Hibernate/JPA	Apache Solr	ELK Stack

AWARDS

CEO Award – 2021
From CRISIL Ltd. for the category 'Excellent in Technology'

Excellent Execution Award – 2020
From CRISIL Ltd. for the category 'Excellent in Technology'

Clap Award – 2019
From CRISIL Ltd. For completing POC on Apache Solr.

LANGUAGES

English
Proficiency
●●●●○

Marathi
Native
●●●●●

Hindi
Proficiency
●●●●○

Project: MPP Files Convertor
In this project user can upload multiple Microsoft Project plan files, read the MPP files and then convert those files into Excel/CSV format which are then and available for download. Using multithreading we convert multiple files into Excel and make them available to the user. This project is developed using Angular, HTML5, CSS3, Java and Spring Boot.

Project: SQL Extraction and Reporting
This micro service was single handedly developed by me. In this project user can write SQL queries and at the backend we execute those queries and show the result on AG-Grid UI. User can save, update and delete as well as schedule these queries so that they can get email notification at a specified date and time. The user can also download the result into a Word or Excel format. Nashorn query was also implemented which support conditional query execution.

Project: Monitoring Micro services
This project involved keeping track of all other micro services. We created one micro service which keeps all information about other micro services like micro service Up/Down, health of that micro service etc. Suppose if a micro service is down then we restart it automatically by using this micro service and also we trigger an email notification to the team regarding health status of micro services.
Responsibility :

- Implemented an Actuator for monitoring and interacting server endpoints of application
- Created .sh files to restart the application automatically
- Sending email notification when server health is below 20% or if the server is down.

Associate Software Engineer
CRISIL Limited

📅 07/2017 – 04/2018　📍 Powai, Mumbai

Project: **orchestrator**
The Orchestrator is a tool that you use to create, manage, and run automated process. Orchestrator Designer, the tool for creating various automation solutions is related to file reading, file writing, file watching, table reading, table writing, Rest API calls, execute .sh or batch files and more
Responsibility :

- Execution of components using Java
- Worked on "wkhtmltopdf" for exporting PDF Outputs
- Responsible for the development of the various modules, developed additional features on the project using Angular 6, HTML5, CSS3 and Fusion Charts
- Responsible for the development of drag and drop components (Rectangle, Circle, etc.) using JQuery, SVG and D3.js library
- Created interactive components (dragable and droppable elements) like arrows, connectors etc. using D3.js
- Created an interactive interface for better and superior user experience
- Actively trained and guided interns in the technology team

Project: **Visualization**
This project is Single Page Web Application which includes 100 + charts. Tasks included adding annotations on charts like rectangle, circle, line, text, arrow and more
Responsibility :

- Responsible for the development and implementation of dashboard which contain more than 100+ charts. Implementation of Fusion charts and D3 Charts
- Adding annotations on charts
- Debugged code and located root causes of problems by reviewing configuration files and logs

Software Intern

Pragmatix Services Pvt. Ltd.

📅 07/2017 – 04/2018   📍 Powai, Mumbai

- Responsible for design and development of 'Change Themes' feature for project by using CSS3, AngularJS, Java. User can change theme color of their webpage and also change the default theme color
- Solved more than 600+ issues using debugging technique
- Worked with experienced team members to conduct root cause analysis of issues, review new and existing code and/or perform unit testing
- Updated job knowledge by studying and integrating "Ghost Inspector" Automated testing tools by using CSS, JQuery, JavaScript selector techniques

EDUCATION

Master of Computer Applications (MCA)

SIES College Of Management Studies

📅 08/2014 - 07/2017   📍 Nerul, Navi Mumbai

Bachelor of Computer Science (Bsc cs)

ICLES' Motilal Jhunjhunwala College

📅 06/2011 - 05/2014   📍 Vashi, Navi Mumbai

Freelancing projects

Project: YFI Networks Website (http://yfinetworks.co.in)
YFI Networks is a company providing end to end networking solutions like telecommunications, internet solutions etc. This website is developed using technologies like Bootstrap, HTML5, CSS3 and JavaScript.

Project: AC Servicing Website (http://coolandcoolant.com)
This is project which was built for an AC servicing company called Cool & Coolant. They provide AC servicing to 100s of customers across Navi Mumbai. This website is developed using technologies like Bootstrap, HTML5, CSS3 and JavaScript.

Project: Gym Management System
Built a desktop application for a Gym named Sterling Fitness Center which required managing attendance and membership of customers as well as sending them messages for various alerts like membership expiration, gym event notifications etc. This application was built using Java.