

Murali Krishna kotla

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geeksforgeeks.org/user/mk5612330/

Experience

JD Sports - Software Engineer

Jun 2022 – Present

- Strong technical skills encompassing cloud-scale systems, distributed systems, databases, SQL server, Post-man and Azure platforms.
- **PIM** is responsible for product data migration (**ETL Process**), allows Merchandisers to restructure the data received through the **GUI**. (**Centralpim.cloud.jdplc.com**)
- This comprehensive solution to fetch the data from database with advance search options. It contains various levels of bulk operations like attributes, categories etc.
- Developed a powerful **C#** console application that processes **XML & JSON** files by reading and comparing unique IDs from a provided .txt file, automatically extracting the required data fields, and generating detailed output in both **.txt** and **.csv** formats, thereby reducing **90%** of manual intervention and ensuring accurate data handling.
- Implemented sophisticated **Error logging and data comparison functionalities**, which not only output the correctly matched data fields but also document the processing errors in a .csv format, reducing the manual effort by 90% for creating the document and significantly enhancing data processing accuracy and efficiency.
- Resolved over **400 technical support tickets**, consistently meeting or exceeding service level agreements (SLAs), and providing exceptional customer support by addressing complex issues by debugging the code promptly and effectively.
- Employed indexes in Elastic search for detailed log analysis and monitoring, enabling proactive identification and resolution of system issues, which led to a **25% reduction in downtime and improved system reliability**.
- Migrated critical applications between **Server environments and Docker containers**, enhancing deployment flexibility and system reliability, while also implementing performance checks and maintenance routines to ensure that **applications run quicker and remain consistently** available and optimally performing.
- Coordinated with cross-functional teams, including product management and QA, to identify and resolve the re-occurring issues, contributing to a **30%** increase in operational efficiency and product reliability.

Roles & Responsibilities

- Involved in the requirement gathering, implemented business logic using **C# & .NET**.
- Managed and monitored applications deployed on **Servers** and in **Docker containers**, ensuring performance optimization, and scalability across both environments.
- And also used to monitor the application statuses using **Kibana** to ensure high availability and quick issue resolution.

Education

Gokaraju Rangaraju Institute of engineering & Technology

Hyderabad, India

- Honours Bachelor of Technology in Mechanical Engineering; CGPA: 7.02/10.0

Jul. 2016 – June. 2020

Narayana Junior college

Hyderabad, India

- Higher Secondary Certificate in **M.P.C** ; CGPA: 9.58/10.0

Jul. 2014 – June. 2016

Skills

- **Languages:** .NET core, C#, C++, Java, SQL server, JavaScript.
- **Technologies and Tools:** Kubernetes, Docker, Azure, Elastic search, TeamCity, Octopus deploy
- **Azure service:** Service Bus, Azure Blob storage, Virtual Machine, Azure Data Factory.
- **Databases:** Microsoft SQL server, MongoDB.
- **Development tool:** Bitbucket, Git, JIRA, MS Visual Studio Code, Visual Studio IDE, Postman, Agile, Scrum

PROJECTS

Image Uploader

- Developed a user-friendly image uploader application using ReactJS for the front end, enabling users to effortlessly upload, preview, and manage images
- Integrated with ASP.NET Core WebAPI & SSMS for backend database management, ensuring secure storage, efficient retrieval, and effective handling of uploading images.

Automatic Gate Opening

Jan 2020 - Feb 2020

- Built an automatic gate-opening system using wood and pulley mechanisms to open doors when a load is applied on a sloped surface.
- The system lifted the gates upwards when the load caused the slope to straighten, providing simple and effective load-based operation.

Volunteer

- Participated as a volunteer for the 9th international conference on materials processing and characterization.