

GAURAV GANESH AMIN

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Summary

Experienced systems analyst With strong analytical and communication skills, collaborated with cross-functional teams to interpret customer requirements, resolved performance issues, and presented findings effectively. Proficient in various programming languages and tools, a self-starter who can manage multiple projects and deliver actionable insights.

Experience

Sonata Software

Aug 2018 - Aug 2021

Senior Systems Analyst

Bengaluru, India

- While working as a team member, collaborated with team members to interpret and apply customer requirements, deployed Azure environments with LCS, and conducted performance testing related to various Supply Chain and Finance processes simultaneously in different environments. These processes include master planning, creation and invoicing of purchase orders, sales orders, general ledgers, and data import/export for Microsoft D365 ERP F&O to assess the ERP's performance.
- Demonstrated commitment to learning and adapting to new technologies and processes by utilizing relational database technologies, writing SQL queries, and developing tables, views, stored procedures, functions, triggers, joins, and indexes in T-SQL for conducting performance testing in MS SQL Server.
- Applied analytical and critical thinking skills to analyze performance test results, utilizing tools such as Microsoft Dynamics Trace Parser, Azure Profiler Viewer, and MS SQL Server, which helped to assess the performance impact of SQL queries and X++ methods executing in the background of the ERP. Through these efforts, successfully mitigated performance issues, including memory consumption, DTU utilization, and latency, achieving a more than 20% improvement through SQL query optimization using plan guides.
- In cases where performance issues were identified during the analysis of performance test results, created and triaged bugs in Azure DevOps related to these performance issues. Provided detailed analysis results, specifying the root cause of the issue, for the concerned developers to address. Once the issue was resolved, closed the bug after retesting the specific performance test to ensure that the problem had been resolved.
- Presented findings from the conducted analysis effectively to technical and non technical audiences through written and verbal communication using Teams and Outlook
- Demonstrated willingness to learn and improve by automating certain environment configuration steps, that is, creation of folders in a particular directory, copying folders and appending text in configuration files as part of performance testing using PowerShell, cutting down task time by 50%.
- Proactively executed data modelling and visualization using Microsoft Excel and used Microsoft PowerPoint to create reports providing insights to stakeholders.
- Prepared functional and detailed documentation independently for performance tests and analysis, emphasizing excellent attention to detail.

Projects/Certifications

HiCounselor-Discovering NASA Astronauts | *Python, SQL, Microsoft Excel, Data Analysis, Data Cleaning* | [Link](#)

- Extracted valuable insights from the NASA astronaut datasets, revealing information about their status, military affiliations, highest military rankings, gender distribution, average life expectancy, most common graduate majors, educational backgrounds, geographical representation, and spaceflight experience.

Forage-Social Media Content Data Analysis | *Data analysis, Statistical analysis, Microsoft Excel, Microsoft PowerPoint* | [Link](#)

- Used Excel to create complex relational data models using Power Query with CSV data sets containing content and reaction types. Analysis revealed that travel, science, and healthy food are the top Social Buzz categories. To boost user engagement, we could consider scaling the platform in August and May, prioritizing factual and healthy eating posts.

Brickbreaker game | *Java, JDBC, MySQL* | [Link](#)

- Developed a brickbreaker game with different levels, user score storage using JDBC and MySQL, and multiplayer functionality.

Education

New York University

May 2023

MS in Computer Engineering

New York, U.S.A

National Institute of Technology Karnataka, Surathkal

May 2018

Bachelor of Technology in Electronics and Communication Engineering

Surathkal, India