

Review Form 3

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_130601
Title of the Manuscript:	Methods for optimizing the performance of microservice architecture in high-load systems
Type of the Article	

PART 1: Comments

	Reviewer’s comment	Author’s Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This manuscript addresses an important issue in modern software engineering—optimizing microservice architectures in high-load systems. With the increasing adoption of microservices in scalable systems, understanding optimization techniques is critical for improving performance, reducing latency, and enhancing resource utilization. The manuscript provides valuable insights into strategies and frameworks that can guide practitioners and researchers in handling high-load scenarios effectively.	Noted
Is the title of the article suitable? (If not please suggest an alternative title)	The current title is suitable and descriptive. However, for greater precision, consider: "Performance Optimization Techniques for Microservice Architectures in High-Load Scenarios."	Title revised
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract provides a good overview of the paper but lacks specific details about the proposed optimization methods or their outcomes. Including brief highlights of key techniques or findings would make the abstract more comprehensive.	Noted
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically sound and provides accurate descriptions of microservice architecture and its challenges in high-load environments. The optimization techniques discussed are relevant and align with current industry practices. However, including more quantitative results or case studies to support the proposed methods would enhance the manuscript's impact.	Revision made
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient and recent, but incorporating foundational works on microservices (e.g., Lewis & Fowler, 2014) and more recent studies on container orchestration (e.g., Kubernetes) could provide additional depth.	Ok revised
Is the language/English quality of the article suitable for scholarly communications?	The language is clear and appropriate for scholarly communication. Some minor grammatical issues should be addressed for improved readability.	
Optional/General comments	The manuscript is well-structured and offers practical insights for system architects and developers. A dedicated section summarizing implementation challenges and solutions would be a valuable addition.	Noted

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PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	