



Daniel Doubrovkine  
Principal Engineer, AWS OpenSearch  
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To Whom It May Concern,

I am pleased to write this letter in strong support of Nuryum Satybaldy, a dedicated contributor to the OpenSearch project. Throughout his time on the project, Nuryum has demonstrated remarkable proficiency and innovation, which have positively impacted our project's development.

Nuryum has successfully undertaken and completed critical tasks, showcasing his commendable technical acumen and adaptability. His ability to address challenges head-on and provide meaningful solutions is reflected in his work on the project. One such contribution includes the addition of identity and authorization headers to Rest Client calls (<https://github.com/opensearch-project/opensearch-sdk-java/pull/613>). Faced with an open-ended request, Nuryum crafted a streamlined solution that will significantly expedite the upcoming security integration. His innovative approach to creating a new RequestOptions object and adding an "Authorization" header is an invaluable asset to our team and is reflective of his problem-solving prowess.

Another noteworthy contribution from Nuryum was his effort in publishing sources and JavaDoc with the release JAR (<https://github.com/opensearch-project/opensearch-sdk-java/pull/686>). This task, while seemingly minor, required meticulous research and understanding of our build system. By specifying the source code and JavaDoc as artifacts of the publication, Nuryum has simplified the development process for future extension developers, enabling them to better utilize their IDEs for writing extensions.

Despite the perceived scale of these contributions, it's imperative to note that their impact is far-reaching. Nuryum's work has accelerated development timelines, enhanced system understanding, and ultimately fostered a more efficient development environment.

It's with these contributions in mind that I highly recommend Nuryum Satybaldy. His dedication, technical expertise, and innovative approach make him an outstanding candidate for any endeavour he chooses to undertake. I am confident he will continue to demonstrate the same diligence and ingenuity that he brought to the OpenSearch project.

Best regards,

Daniel Doubrovkine  
Principal Engineer, AWS OpenSearch

A handwritten signature in black ink, appearing to be "D. Doubrovkine", written over the printed name and title.

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