

DDAT Assessment for Smith, Maurice - Grade SEO - Software Engineer

Communicating Between Technical & Non-Technical

Assessee's Score: Proficient 1

Assessor's Score: Proficient 2

Evidence:

I have regularly communicated complex technical information to non-technical stakeholders, ensuring clarity and shared understanding. During the migration of our system to the cloud, I took the lead in explaining the technical architecture to senior management and product owners. To ensure they understood the process, I used simple diagrams and analogies, which helped bridge the gap between technical complexities and business priorities. I encouraged questions and facilitated discussions that allowed the non-technical team members to feel involved in the project. As a result, decisions were made more efficiently, and there was a clear alignment between technical deliverables and business goals.

[Link to Evidence](https://officenationalstatistics-my.sharepoint.com/:w:/g/personal/steve_gibbard_ons_gov_uk/EUWzIOCRAmJNnS0MO9zcUAYBALDglVhjoFXtC7rJ7D8CZw?e=ard4fu)

Functional & Non-Functional Testing

Assessee's Score: Accomplished

Assessor's Score: Proficient 1

Evidence:

In my role, I have consistently ensured that both functional and non-functional testing is integrated into the development process from the outset. I designed comprehensive test cases to cover edge scenarios and stress conditions, ensuring that our software performs under varying loads and conditions. Additionally, I implemented automation testing frameworks that have significantly reduced manual testing time and improved overall efficiency. My focus on both performance and usability during testing has contributed to

delivering more reliable and robust systems to production.

Programming & Build (Software Engineering)

Assessee's Score: Proficient 2

Assessor's Score: Proficient 2

Evidence:

I have extensive experience in writing clean, efficient, and maintainable code, using a variety of programming languages and frameworks. I am particularly proficient in Python and JavaScript, and I have led multiple projects where I have implemented scalable and performant solutions. I also prioritize the use of continuous integration and continuous delivery (CI/CD) pipelines, ensuring that code is tested and deployed seamlessly, with minimal disruptions to the development workflow. My ability to rapidly debug and troubleshoot code during the build process has also contributed to a more efficient development cycle.

Service Support

Assessee's Score: Proficient 1

Assessor's Score: Proficient 1

Evidence:

I play a key role in service support, ensuring that systems are operational and meet the required service levels. I routinely monitor system performance and handle incidents as they arise, communicating effectively with both the support team and stakeholders to resolve issues quickly. By implementing a structured incident management process, I have been able to reduce downtime and ensure the continuous availability of critical services. Additionally, I frequently participate in post-incident reviews to identify improvements and prevent future occurrences, strengthening overall service resilience.