

## **DDAT Assessment for Chaswick, John - Grade G7 - Software Engineer**

### **Communicating Between Technical & Non-Technical**

Assessee's Score: Proficient 2

Assessor's Score: Accomplished

Evidence:

As a G7 software engineer, I often bridge the communication gap between highly technical teams and senior stakeholders who may not have a technical background. For instance, during a recent large-scale project to migrate legacy systems to a cloud infrastructure, I presented detailed technical plans to executive leadership, explaining complex details like load balancing, security, and scaling in a way that was accessible. I utilized data visualizations and analogies that aligned with business priorities, ensuring everyone was on the same page. This enabled faster decision-making and clearer strategic alignment across teams.

[Link to Evidence](<https://example-link.com>)

### **Functional & Non-Functional Testing**

Assessee's Score: Accomplished

Assessor's Score: Accomplished

Evidence:

In my role, I prioritize both functional and non-functional testing to ensure our solutions are reliable, scalable, and perform optimally under stress. I recently led the implementation of an automated testing framework that incorporated both performance testing for handling peak loads and usability testing to ensure user satisfaction. This testing process helped identify bottlenecks early, allowing us to make significant optimizations before the product went live. Additionally, the automation of these processes has saved us significant time and resources, enhancing our overall efficiency.

### **Programming & Build (Software Engineering)**

Assessee's Score: Accomplished

Assessor's Score: Proficient 2

Evidence:

With over a decade of experience, I have mastered multiple programming languages and frameworks, with a deep focus on creating clean, scalable, and efficient code. Recently, I led the development of a microservices architecture for a critical enterprise application, leveraging Docker and Kubernetes for orchestration. The CI/CD pipelines I established significantly reduced downtime and sped up our release cycles. My leadership in this area has empowered junior developers and increased the team's output, resulting in faster deliveries and higher-quality code.

### **Service Support**

Assessee's Score: Proficient 2

Assessor's Score: Accomplished

Evidence:

In my capacity as a G7 engineer, I ensure that our services maintain high availability and reliability. I have implemented a comprehensive monitoring system that tracks performance metrics in real time and alerts the team to potential issues before they become critical. My approach to incident management focuses on root cause analysis and continual improvement, helping to prevent recurring issues. By introducing these proactive measures, I've significantly reduced our service downtime and improved overall system reliability.