



CITE TECHNICAL INSTITUTE, INC.

Purok 2, San Jose, Cebu City, Philippines, 6000

Diploma in Computer Engineering

ACCOMPLISHMENT REPORT

MinebeaMitsumi
Passion to Create Value through Difference

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Introduction

Initially, I was designated as a '**Low-code Web Developer**' for MinebeaMitsumi, Inc. - Danao Factory. I contributed to the company as a "*Software Technical Writing / Documentation Staff*" and as a "*Software Quality Assurance Tester*" during my in-plant training. The semiconductor manufacturing factory, located in Sabang, Danao City, Cebu, is globally renowned for its significant contributions, particularly in the production of components for cellphones and computers. These components are designed by the dedicated professionals who work at the factory and manufactured by its personnel.

Technical Writing: Communicating the Application's Design

The initial introduction to the low-code web development application was a positive beginning. However, as the in-plant co-trainees began to observe discrepancies from our designated roles, attributable to prolonged periods of inactivity and unstable seating arrangements within the office environment, we were compelled to adapt to the evolving circumstances.

Subsequent to the resolution of these issues and the subsequent alteration of their designation to that of a '**Software Documentation Staff**' (more commonly referred to as a "Technical Writer"), this task became the primary focus of their responsibilities. The principal duties entailed the following:

- Reading the project's specification sheet (*spec sheet*)
- Create segments of documentation information based on spec sheet
- Importing application screenshots provided by the developer
- Curating flowcharts and technical visual aids using Microsoft Visio, Word, or Excel.
 - Approval flows
 - Data system flow (e.g. Application Form -> System Database (DB) -> GWS-based Excel DB)

Flawless Applications through Quality Software Testing

In the context of our professional designation, our role as '**Software QA Testers**' has been defined in the context of the company's strategic initiatives aimed at cost reduction. The primary focus of our responsibilities lies in the realm of virtual application forms, which are primarily developed within the Gluegent framework. These forms empower developers with the capability to implement condition-based input disabling and text hiding functionalities, in addition to approval routing, email automation, and file linkage through Google Workspace (GWS) integration. In the context of internal systems, a significant portion of my responsibilities entailed the validation of their operational functionality through repetitive testing. This emphasis on internal systems is particularly pronounced given the absence of a counterpart staff to provide feedback following testing and program deployment.

Our main tasks includes:

- Reading the project's specification sheet (spec sheet)
- Reading developer's test plan and compare it against the spec sheet
- Returning the test plan to developer and give feedback (optional)
- Manual testing of software
 - Altering the provided test cases in pursuit of 'breaking' the system (e.g. inputting letters instead of numbers)
 - Submitting the form with no input (case-to-case basis, but most forms have inputs that should be required to be filled up)
 - Pushing button B instead of directed button A, to test if the developer missed an outcome during the development process.
- Doing the paperwork (asking for signatories to higher ups)

Skills acquired during the training period

- Technical Writing
- Software Documentation
- Software QA Testing

Conclusion

Personally, the time spent in the company may not be as expected as the higher-ups in CITE and in MinebeaMitsumi, Inc. promised. It only led me to a long-term demotivation and disappointment with the false promises brought upon me. It did not upskill my current interests in this industry within the company hours. But, I think these skills are new additions as long-term applications for future career development.

For a long time, MinebeaMitsumi, Inc. - Danao Factory has been training students of CITE to be better workers, but, I think the interests between me and the company have not been aligned.