

Internship report

January 6th, 2025

This report evaluates the performance of Aswin Asokan during his internship as a student developer at Flysoft Systems from October 2024 to December 2024.

Objectives of the Internship

- Develop a thorough understanding of the complete software development life cycle by working alongside skilled developers, designers, and quality assurance experts from the start of the project to its completion.
- Get acquainted with project management tools such as Git, Jira, and Confluence to effectively handle and organize information.
- Get familiar with Figma to understand how to manage design handoffs with UI/UX designers effectively.
- Develop strong interpersonal and collaborative abilities through direct interaction with both peer interns and senior development team members.
- Develop proficiency in writing maintainable code by implementing SOLID design principles and adopting a feature-based rather than layer-based code organization approach.
- Adopt a disciplined approach to thorough preparation and planning before starting code implementation to better meet deadlines.

Project: Flutter Application

- **Project:** The floor plan application is a multi-platform tool for designing and customizing restaurant layouts. It features an intuitive drag-and-drop interface, allowing users to create and manage multiple floor plans using a mouse and keyboard.
- **Role:** Full Stack Developer
- **Technologies Used:** Flutter, Dart, Git
- **Platforms Used:** Android, Windows, Linux

Skills and Competencies Developed

- Discovered that Flutter has certain limitations, particularly for web development.
- Realized that it's often more effective to build features from scratch rather than relying on third-party plugins, as this improves reliability and customization.
- Understood that writing clean code enhances readability and modularity, making collaboration with other developers easier.
- Recognized the importance of logging for more efficient debugging of issues.
- Learned that a successful project requires a deep understanding of requirements and thorough preplanning, which involves breaking the project into manageable tasks and organizing them into milestones.
- Gained experience in using AI, Mermaid, and DrawIO to create flowcharts and class diagrams, which help clarify user flows during the planning phase.

Performance Evaluation

- **Strengths:** Demonstrates dedication and diligence in work, possesses superior analytical and problem-solving capabilities, commands comprehensive knowledge of Flutter development, delivers high-quality code consistently, communicates effectively with team members, and actively seeks constructive feedback for continuous improvement.
- **Areas for Improvement:** Improving UX/UI skills is essential if the goal is to pursue full-stack development.
- **Overall Performance Rating:** Excellent (5 out of 5)

Conclusion

Aswin played a vital role in the success of this project and exhibited notable growth throughout his internship.

Acknowledgments

Aswin's dedication and contributions during his tenure have been truly remarkable. As a developer who combines technical expertise with exceptional interpersonal skills, and who approaches work with both passion and precision, there is no doubt that he will achieve great success in all his future endeavors. Any company fortunate enough to hire him will be truly blessed to have him on their team.



Flysoft Systems CEO
Cheng Fei



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