



A STAR ALLIANCE MEMBER



COLLEGE TRAINEE DEVELOPMENT PROGRAM

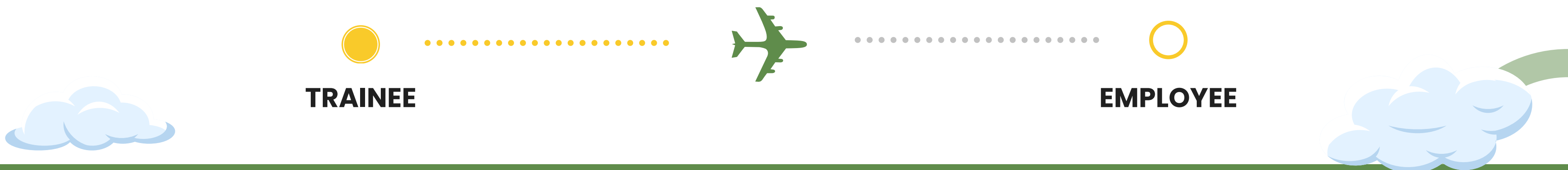
FINAL REPORT PRESENTATION

Mikias Wondim (111462)

OCT 2024

INTRODUCTION

- Program is designed to equip recent graduates with practical, hands-on experience, **bridging the gap** between academic learning and real-world application.
- I was placed in the Corporate IT Division under the Head of Application Design and Delivery, specifically within the **SAP ABAP and Integration** Team.
- Began with a comprehensive induction that included an overview of the organization and corporate cultures.
- The main phase, **OJT**, spanned from **June 2024 to Present (Oct 2024)**, for around 4 months.
 - Understanding the team's processes,
 - Worked on SAP ABAP development,
 - Develop a web-based system using .NET Core and React/Next.js.



LEARNING OBJECTIVES



To Gain Exposure to Corporate Ethics and Professional Conduct



To Have In-Depth Knowledge of Corporate IT Processes

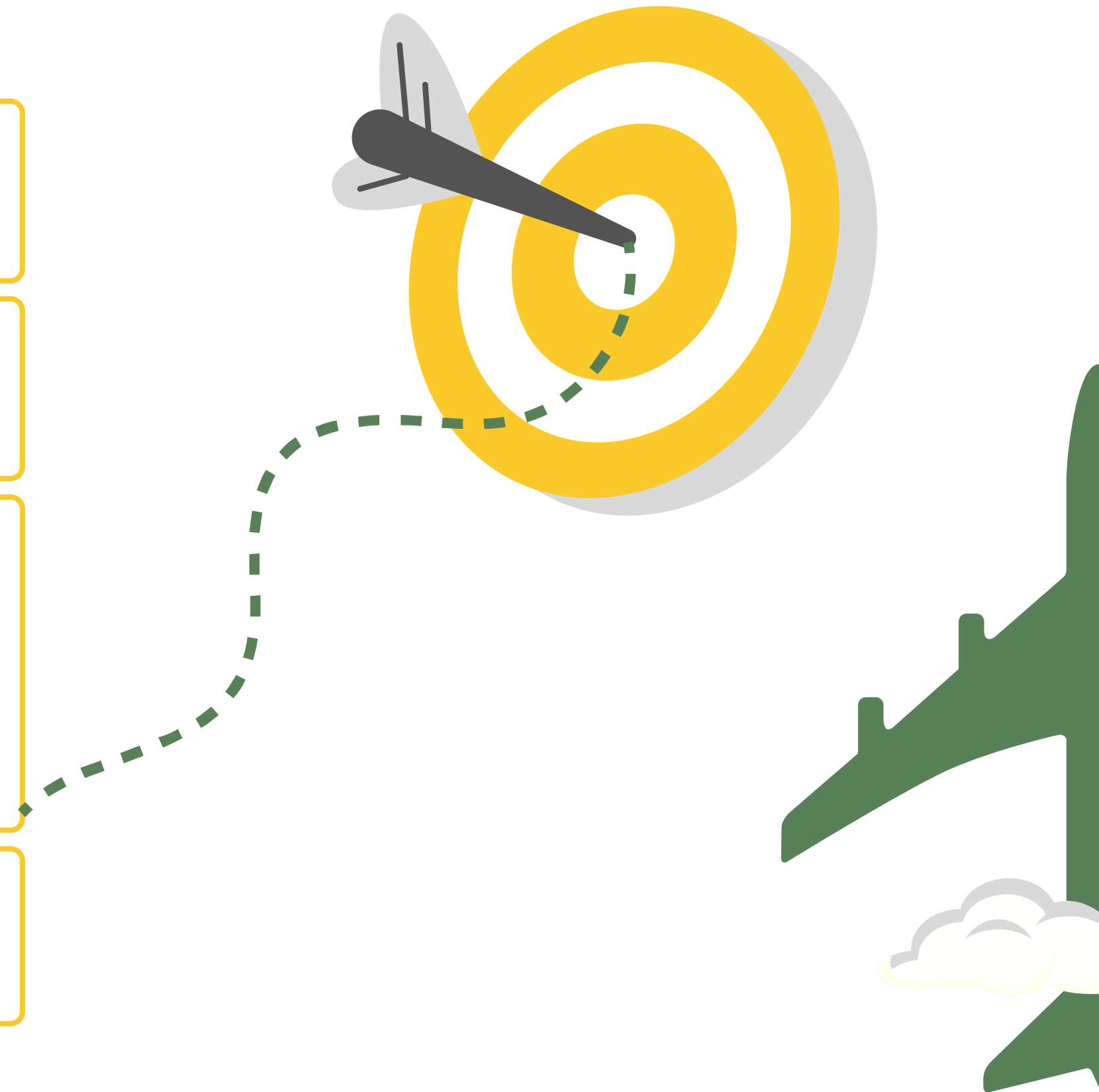


To Develop Junior Expertise in SAP, ABAP Integration and Full-Stack Development

- ABAP Programming and SAP Module Development,
- .NET Core for Web API and Service
- React/Next.js



To Enhance Teamwork and Collaboration Skills



PROJECT DESCRIPTION

- **ABAP Program for Bonus Calculation (Ethiopian Electric Power - EEP)**
 - The first project assigned to me involved developing an ALV report for bonus calculation.
- **SAP Integration for ALPHA**
 - More complex and involved integrating ALPHA system with SAP.
 - Required receiving financial documents from ALPHA and automating the creation of entry sheets for financial accounting.
- **Web Based Flight Security Clearance System (ET Group Security)**
 - Has an objective of automating security operations to enhance process efficiency,
 - For the last 2 months, I have been working as a full-stack developer utilizing React/Next.js for the frontend and .NET Core Web API for the backend.
 - We have successfully delivered two modules, Flight Clearance and Weapon Alert Handling, which are currently undergoing testing.



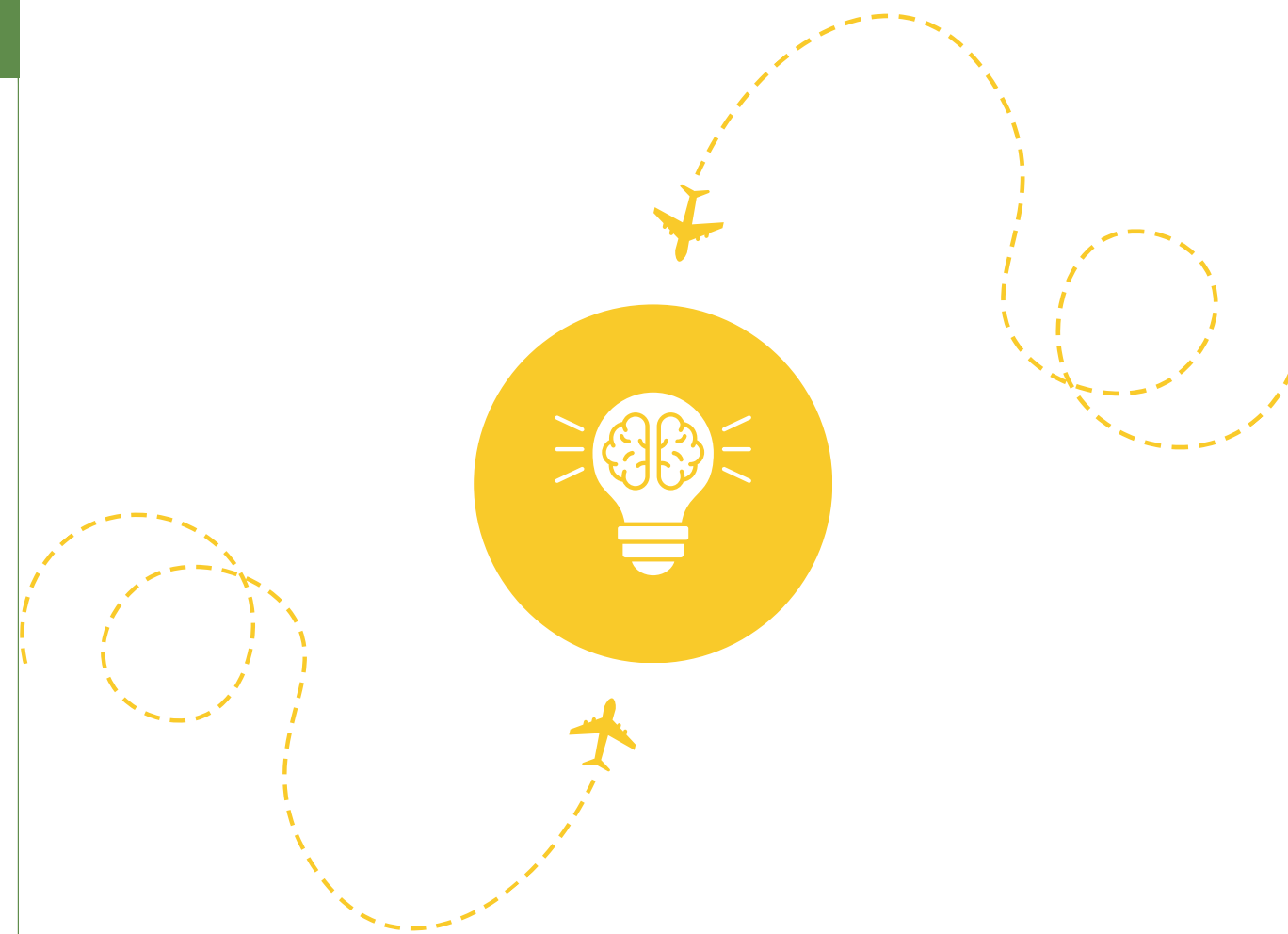
SKILLS AND KNOWLEDGE GAINED

Technical

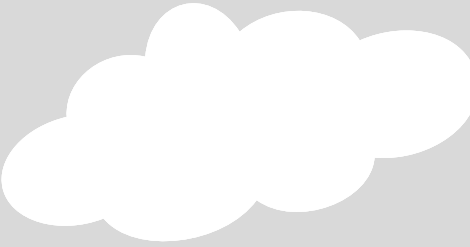
SAP ABAP Development
SAP Integration
Full-Stack Development
SDLC Understanding
Agile with DevSecOps
Version Control with Git
Testing & Debugging

Professional

Project Management &
Documentation
Team Collaboration
Problem-Solving
Adaptability
Communication

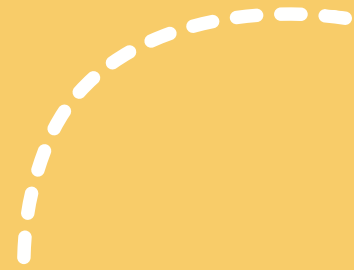


CHALLENGES FACED



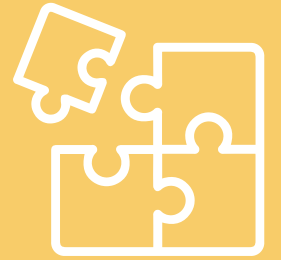
1

Learning Curve
with SAP ABAP



2

Complexity in SAP
Integration



3

Balancing Multiple
Technologies
(Full Stack
Development)



4

Time Management
and Meeting
Deadlines



5

Understanding
Business Processes



KEY ACCOMPLISHMENTS



Successful Completion of ABAP Projects



Completed 2 significant ABAP projects alongside my fellow trainee.

Involved developing an ALV report for calculating employee bonuses and integrating SAP with the ALPHA system.

Progress in the FSC System Project



Successfully developing two modules, flight clearance and weapon alert handling.

Received excellent feedback from our lead developer, Mr. Habtamu.

Positive assessments from project stakeholders i.e. product owner and scrum master.



LESSONS LEARNED



The Importance of Collaboration



Time Management and Prioritization



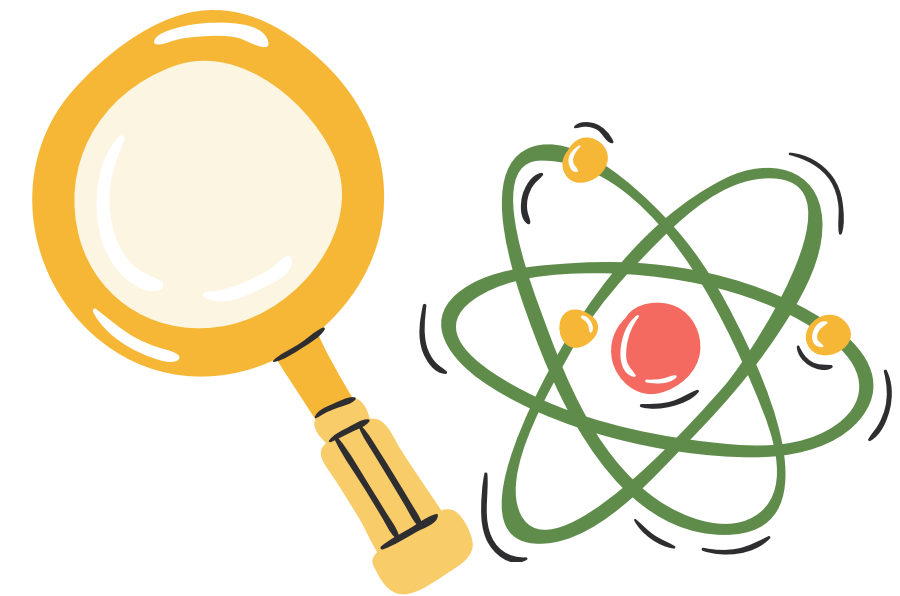
Continuous Learning and Feedback



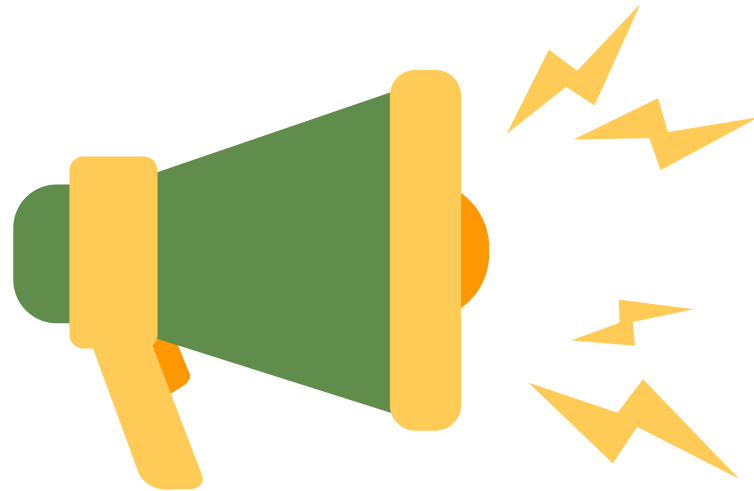
Emphasis on Quality and Security



Adaptability to New Technologies



RECOMMENDATIONS

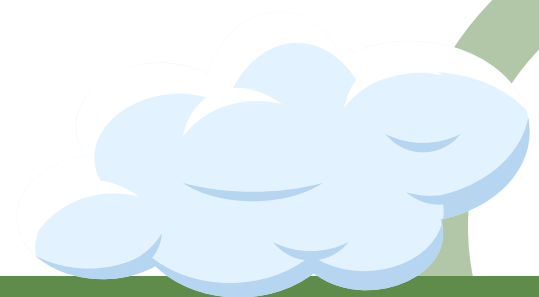


1

Technical Skills
Workshops or
Classes

2

Cross-Functional
Project Teams



CONCLUSION



- Has been an invaluable experience, providing a solid foundation.
- The challenges have taught me resilience and adaptability, further enhancing my problem-solving abilities.
- I believe the insights gained and the skills developed will allow me to contribute to Ethiopian Airlines effectively.



ACKNOWLEDGEMENT



- Mr. Fikadu Asetatie, for the insightful orientation.
- Mr. Mulugeta Negussie for his leadership.
- Our team leader Mr. Tariku Wegayehu, for his unwavering support and guidance/
- Mr. Jibril Adem, Mr. Geremew Worku, and Mr. Habtamu Awoke, for their continuous mentorship.
- To my fellow trainees and team members for their collaboration and support.



Thank You!



Ethiopian
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THE NEW SPIRIT OF AFRICA

A STAR ALLIANCE MEMBER

